

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011819\
 Data File : VW008348.D
 Acq On : 18 Jan 2019 11:23
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 1/21/2019 11:09:35 AM

Quant Time: Jan 19 01:49:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W011719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 18 00:57:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	100475	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	171628	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	158104	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	77783	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	45217	43.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.52%	
35) Dibromofluoromethane	7.88	113	44823	40.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.82%	
50) Toluene-d8	10.32	98	192923	44.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.64%	
62) 4-Bromofluorobenzene	12.62	95	65352	42.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	29562	46.695	ug/l	95
3) Chloromethane	2.21	50	45912	49.472	ug/l	99
4) Vinyl Chloride	2.37	62	69802	58.866	ug/l	91
5) Bromomethane	2.78	94	49873	55.499	ug/l	100
6) Chloroethane	2.93	64	46246	59.585	ug/l	94
7) Trichlorofluoromethane	3.25	101	50122	57.568	ug/l	96
8) Diethyl Ether	3.67	74	30159	49.953	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	51913	51.214	ug/l	92
10) Methyl Iodide	4.26	142	72408	44.291	ug/l	97
11) Tert butyl alcohol	5.17	59	14709	209.019	ug/l #	90
12) 1,1-Dichloroethene	4.03	96	51151	49.615	ug/l	98
13) Acrolein	3.89	56	17621	242.051	ug/l	93
14) Allyl chloride	4.65	41	92009	53.385	ug/l	97
15) Acrylonitrile	5.36	53	55634	239.884	ug/l	100
16) Acetone	4.12	43	59155	243.710	ug/l	98
17) Carbon Disulfide	4.37	76	170819	54.452	ug/l	98
18) Methyl Acetate	4.67	43	28492	43.943	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	73416	46.520	ug/l	98
20) Methylene Chloride	4.90	84	56916	50.577	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	59710	51.567	ug/l	92
22) Diisopropyl ether	6.31	45	175684	52.211	ug/l	97
23) Vinyl Acetate	6.25	43	476196	264.749	ug/l	98
24) 1,1-Dichloroethane	6.21	63	107140	52.294	ug/l	99
25) 2-Butanone	7.17	43	77299	248.642	ug/l	100
26) 2,2-Dichloropropane	7.16	77	68019	52.024	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	64548	51.452	ug/l	96
28) Bromochloromethane	7.51	49	45483	53.884	ug/l #	99
29) Tetrahydrofuran	7.52	42	46952	242.257	ug/l	99
30) Chloroform	7.67	83	106056	52.319	ug/l	95
31) Cyclohexane	7.95	56	107249	54.941	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	91172	53.591	ug/l	99
36) 1,1-Dichloropropene	8.08	75	92198	53.395	ug/l	99
37) Ethyl Acetate	7.25	43	31450	44.168	ug/l	100
38) Carbon Tetrachloride	8.07	117	86599	50.789	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	115436	56.202	ug/l	96
40) Benzene	8.32	78	247711	50.643	ug/l	97
41) Methacrylonitrile	7.48	41	16620	40.095	ug/l #	82
42) 1,2-Dichloroethane	8.40	62	64904	47.454	ug/l	100
43) Isopropyl Acetate	8.42	43	60914	45.288	ug/l	98
44) Trichloroethene	9.09	130	64522	48.148	ug/l	99
45) 1,2-Dichloropropane	9.37	63	60395	49.709	ug/l	94
46) Dibromomethane	9.46	93	29305	46.278	ug/l	93
47) Bromodichloromethane	9.64	83	77861	49.848	ug/l	99
48) Methyl methacrylate	9.43	41	31296	49.427	ug/l	97
49) 1,4-Dioxane	9.45	88	10415	1021.693	ug/l	93
51) 4-Methyl-2-Pentanone	10.21	43	159317	233.923	ug/l	99
52) Toluene	10.38	92	163614	52.857	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	77677	49.826	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	90991	49.512	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	42200	48.047	ug/l	95
56) Ethyl methacrylate	10.65	69	48608	47.124	ug/l	97
57) 1,3-Dichloropropane	10.93	76	74488	48.845	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	124127	249.480	ug/l	100
59) 2-Hexanone	10.97	43	118511	248.348	ug/l	99
60) Dibromochloromethane	11.13	129	51186	48.831	ug/l	99
61) 1,2-Dibromoethane	11.24	107	39656	46.627	ug/l	96
64) Tetrachloroethene	10.86	164	53533	48.289	ug/l	97
65) Chlorobenzene	11.66	112	173536	50.321	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	59261	49.928	ug/l	98
67) Ethyl Benzene	11.73	91	314599	52.539	ug/l	99
68) m/p-Xylenes	11.84	106	248581	106.955	ug/l	99
69) o-Xylene	12.17	106	114903	52.917	ug/l	98
70) Styrene	12.18	104	186009	53.331	ug/l	99
71) Bromoform	12.35	173	26668	45.103	ug/l #	95
73) Isopropylbenzene	12.47	105	319578	56.388	ug/l	99
74) N-amyl acetate	12.27	43	58627	48.270	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	46086	47.807	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	33515m	47.315	ug/l	
77) Bromobenzene	12.75	156	67541	49.614	ug/l	95
78) n-propylbenzene	12.80	91	387848	56.539	ug/l	98
79) 2-Chlorotoluene	12.90	91	213187	54.393	ug/l	97
80) 1,3,5-Trimethylbenzene	12.94	105	263301	55.674	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	14623	49.266	ug/l	99
82) 4-Chlorotoluene	12.99	91	221566	54.097	ug/l	98
83) tert-Butylbenzene	13.21	119	233091	55.997	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	270295	56.103	ug/l	99
85) sec-Butylbenzene	13.39	105	337253	56.430	ug/l	100
86) p-Isopropyltoluene	13.50	119	297450	56.984	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	140896	52.091	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	131337	48.467	ug/l	98
89) n-Butylbenzene	13.83	91	284231	56.766	ug/l	99
90) Hexachloroethane	14.10	117	53940	55.838	ug/l	88
91) 1,2-Dichlorobenzene	13.87	146	120104	50.293	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7308	46.362	ug/l	96

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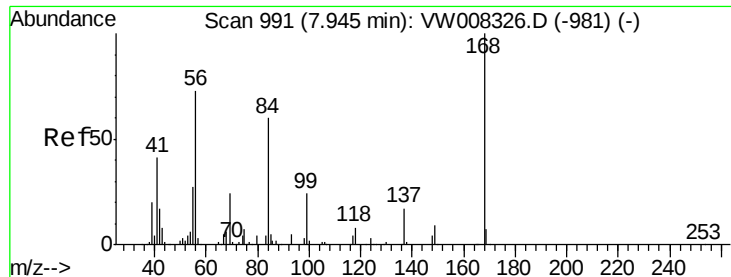
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	78412	48.505	ug/l	97
94) Hexachlorobutadiene	15.24	225	45364	49.792	ug/l	98
95) Naphthalene	15.37	128	135167	45.493	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	64833	46.044	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW008348.D

Acq: 18 Jan 2019 11:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 100475

Ion Ratio Lower Upper

168 100

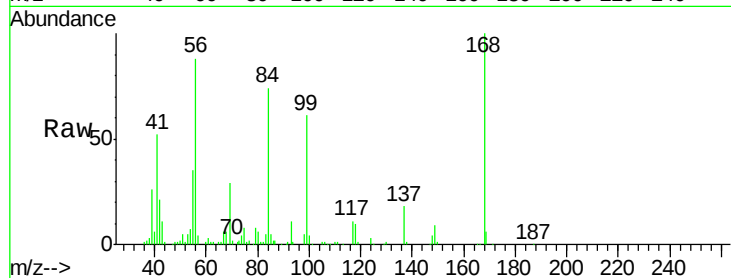
99 61.3 44.6 66.8

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Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

50000

40000

30000

20000

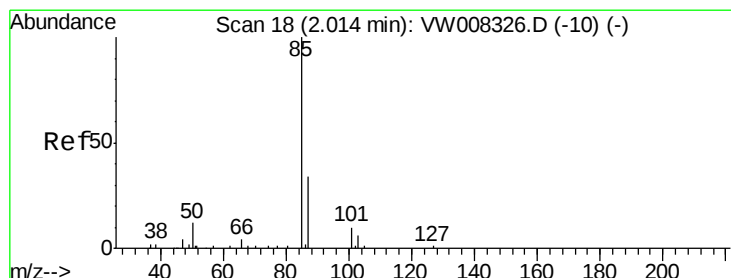
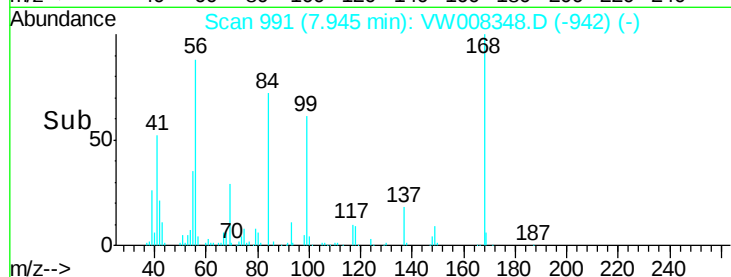
10000

0

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 46.695 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW008348.D

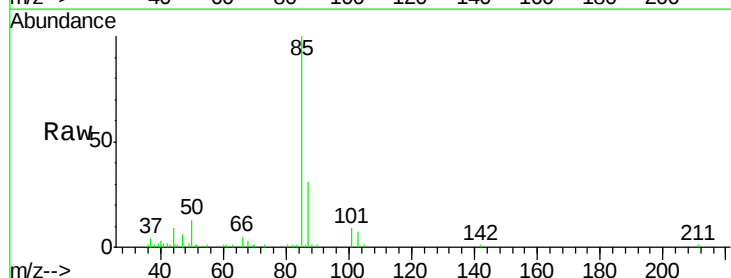
Acq: 18 Jan 2019 11:23

Tgt Ion: 85 Resp: 29562

Ion Ratio Lower Upper

85 100

87 30.9 16.9 50.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

10000

8000

6000

4000

2000

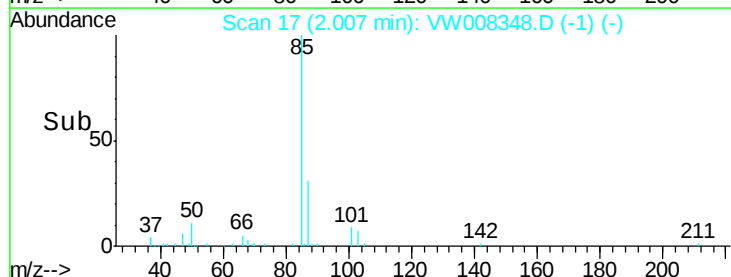
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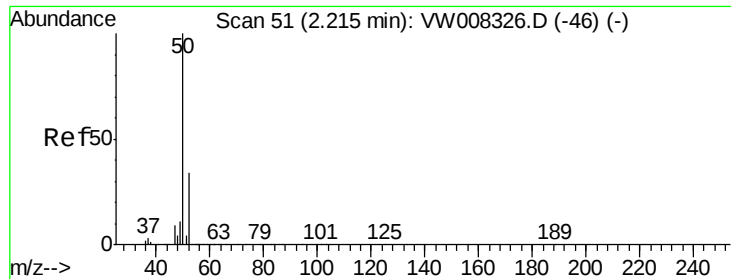
1.90

2.00

2.10

Time-->





#3

Chloromethane

Concen: 49.472 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW008348.D

Acq: 18 Jan 2019 11:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 45912

Ion Ratio Lower Upper

50 100

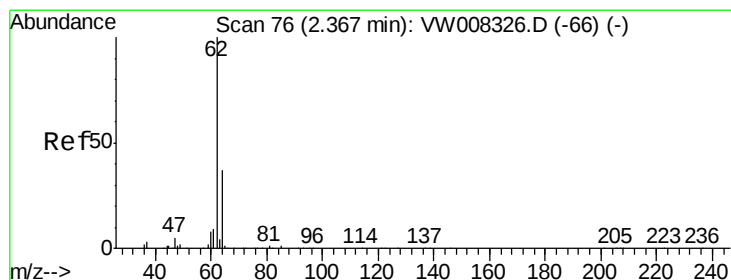
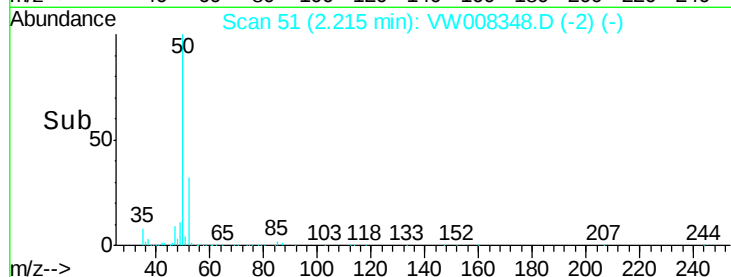
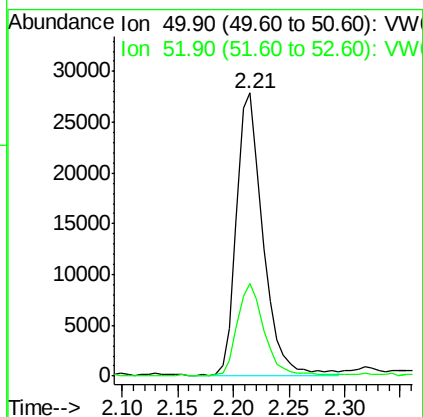
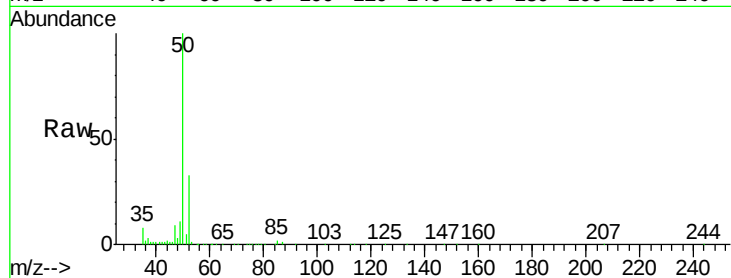
52 32.6 26.7 40.1

Manual Integrations

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#4

Vinyl Chloride

Concen: 58.866 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW008348.D

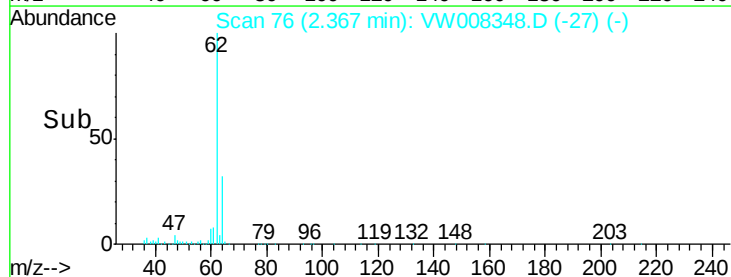
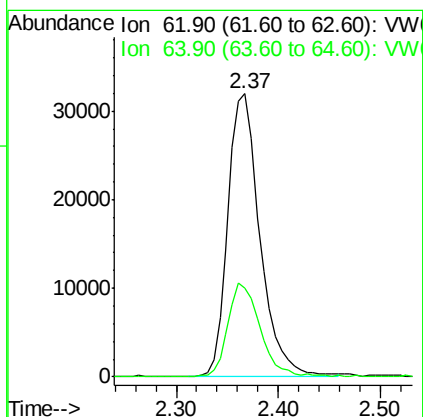
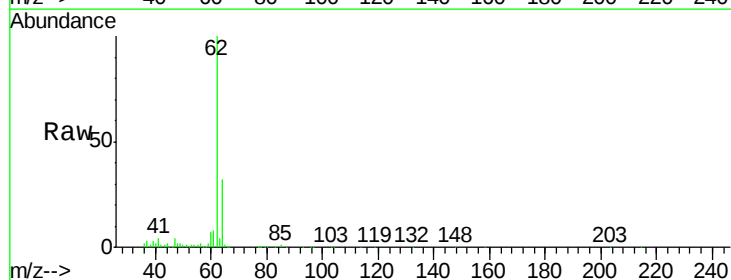
Acq: 18 Jan 2019 11:23

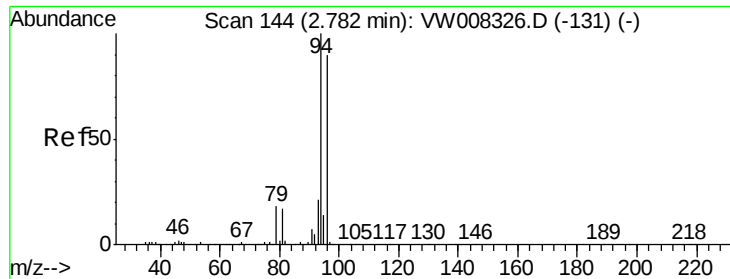
Tgt Ion: 62 Resp: 69802

Ion Ratio Lower Upper

62 100

64 31.2 29.4 44.2





#5

Bromomethane

Concen: 55.499 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.00 min

Lab File: VW008348.D

Acq: 18 Jan 2019 11:23

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VSTDCCC050

Tot Ion: 94 Resp: 49873

Ion Ratio Lower Upper

94 100

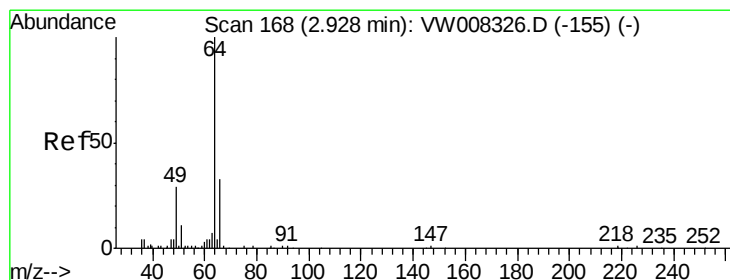
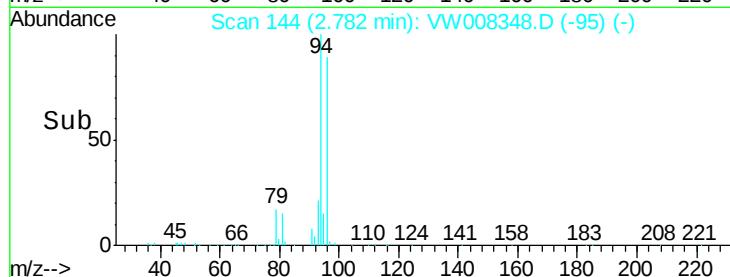
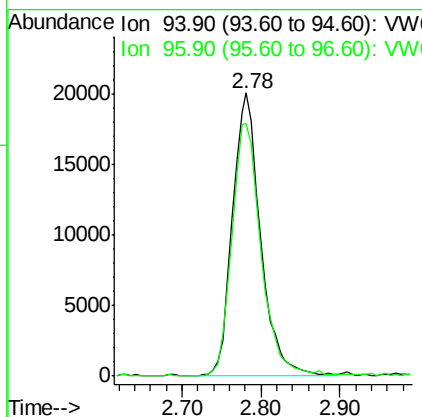
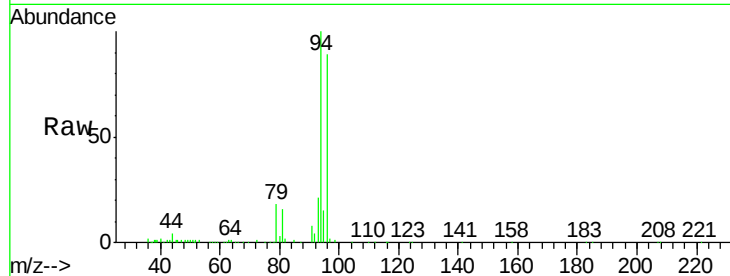
96 88.8 71.4 107.0

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#6

Chloroethane

Concen: 59.585 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.00 min

Lab File: VW008348.D

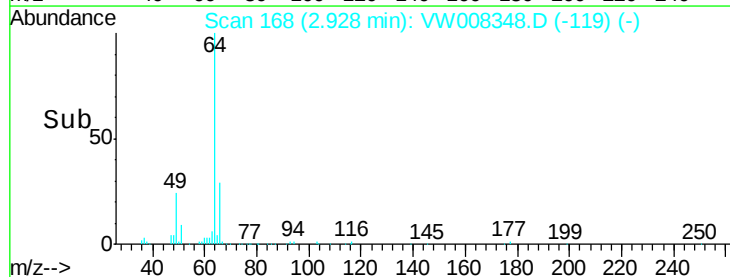
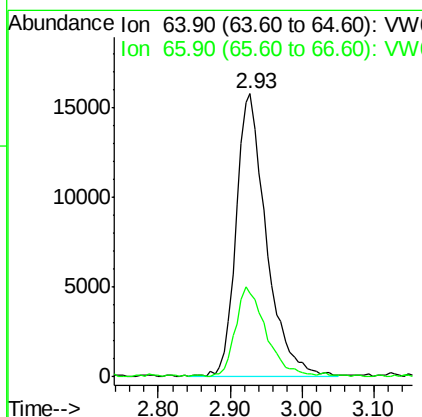
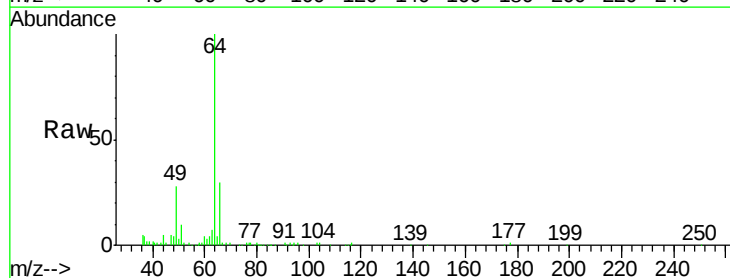
Acq: 18 Jan 2019 11:23

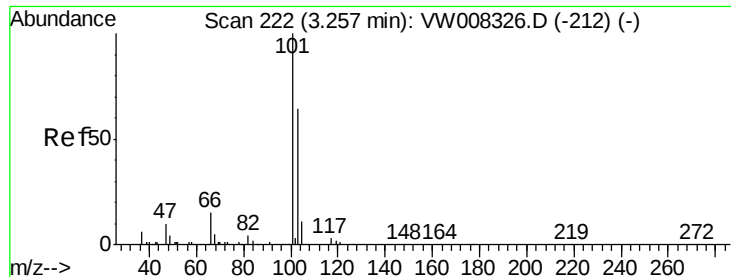
Tgt Ion: 64 Resp: 46246

Ion Ratio Lower Upper

64 100

66 29.2 26.2 39.4





#7

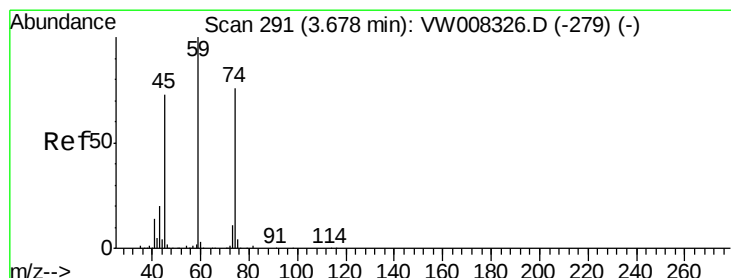
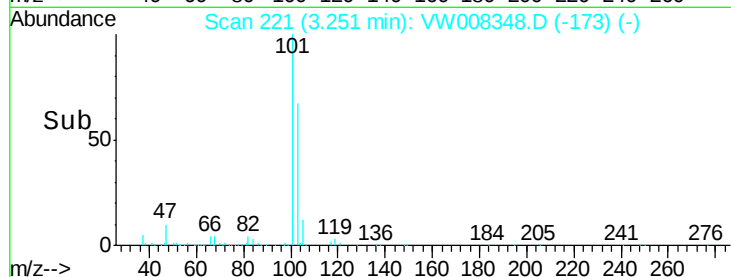
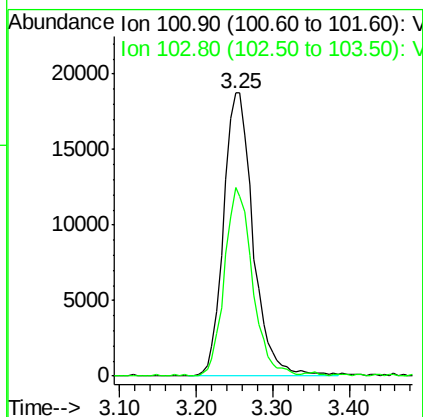
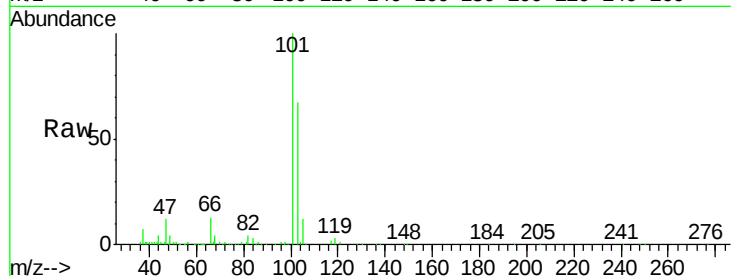
Trichlorofluoromethane
Concen: 57.568 ug/l
RT: 3.25 min Scan# 221
Delta R.T. -0.01 min
Lab File: VW008348.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	66.4	50.9	76.3

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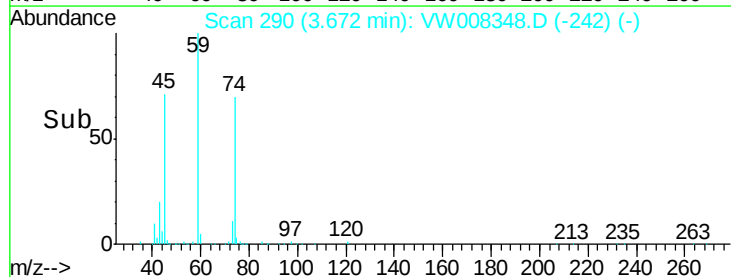
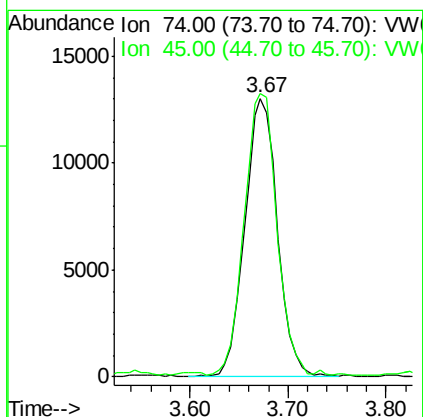
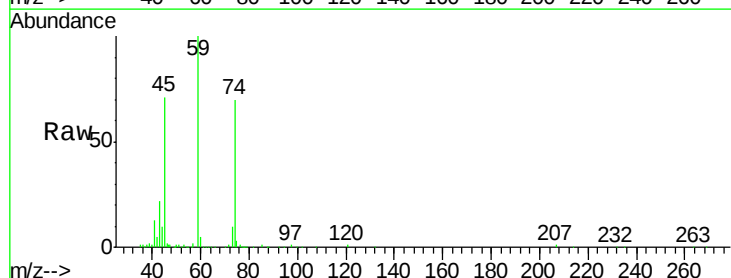
MMDadoda
1/21/2019 11:09:35 AM

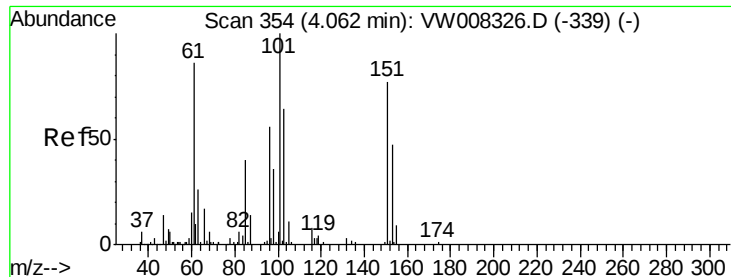


#8

Diethyl Ether
Concen: 49.953 ug/l
RT: 3.67 min Scan# 290
Delta R.T. -0.01 min
Lab File: VW008348.D
Acq: 18 Jan 2019 11:23

Tgt Ion	Ratio	Lower	Upper
74	100		
45	100.9	50.1	150.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.214 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW008348.D

Acq: 18 Jan 2019 11:23

Instrument :

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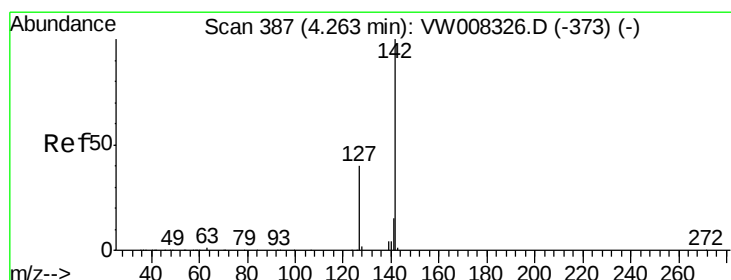
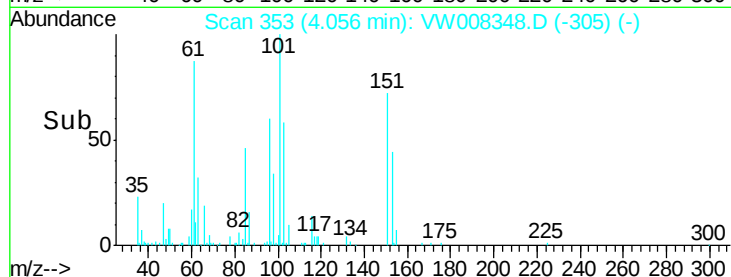
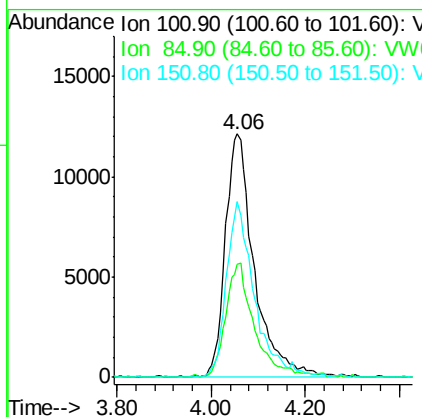
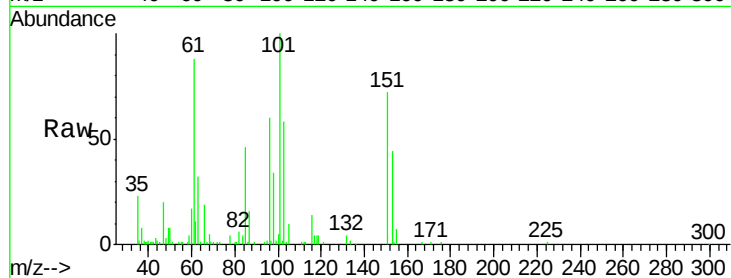
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	51913
Ion Ratio	Lower	Upper	
101	100		
85	46.0	36.0	54.0
151	67.8	62.3	93.5

Manual Integrations
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#10

Methyl Iodide

Concen: 44.291 ug/l

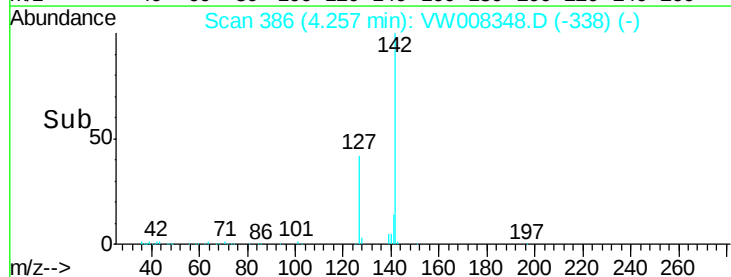
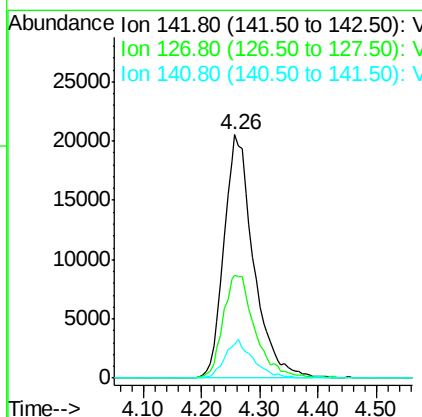
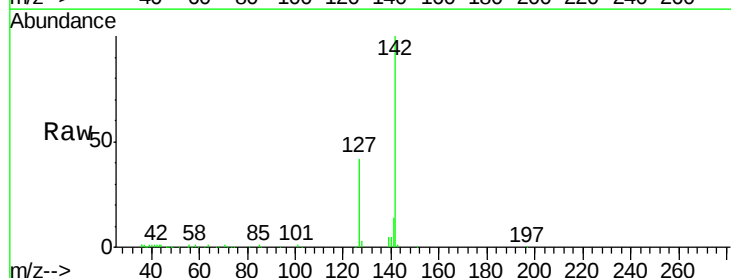
RT: 4.26 min Scan# 386

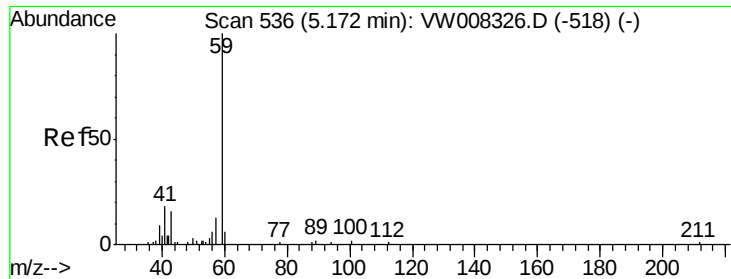
Delta R.T. -0.01 min

Lab File: VW008348.D

Acq: 18 Jan 2019 11:23

Tgt Ion:	142	Resp:	72408
Ion Ratio	Lower	Upper	
142	100		
127	45.1	34.3	51.5
141	15.2	12.2	18.2





#11

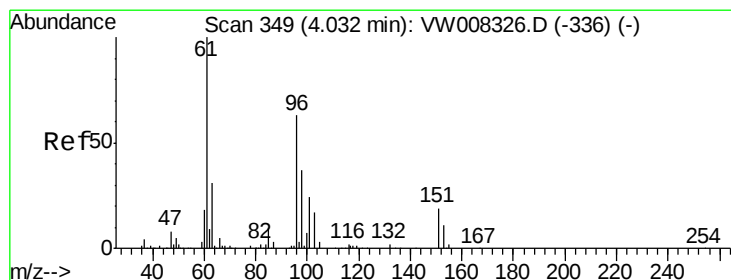
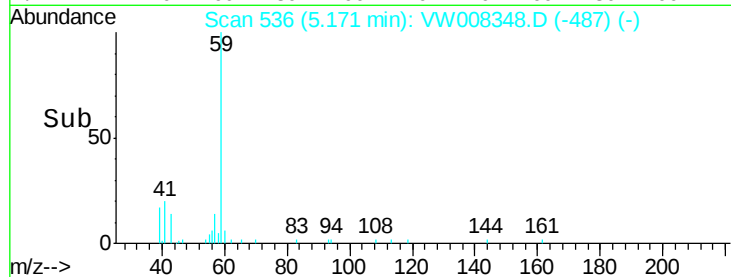
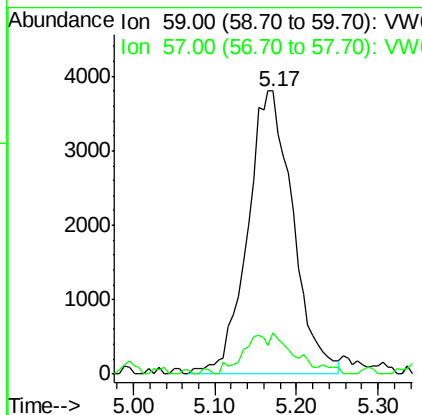
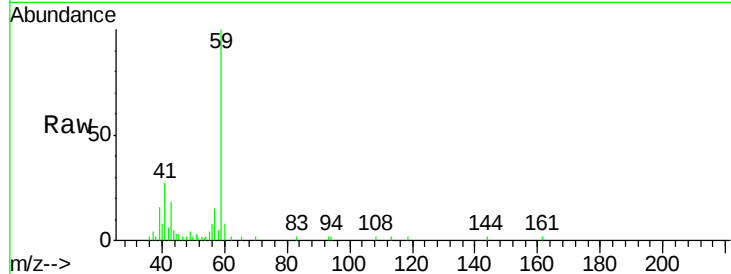
Tert butyl alcohol
Concen: 209.019 ug/l
RT: 5.17 min Scan# 536
Delta R.T. -0.00 min
Lab File: VW008348.D
Acq: 18 Jan 2019 11:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	7.8	9.4	14.2#

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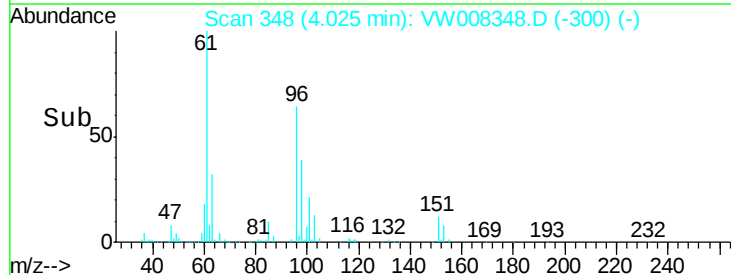
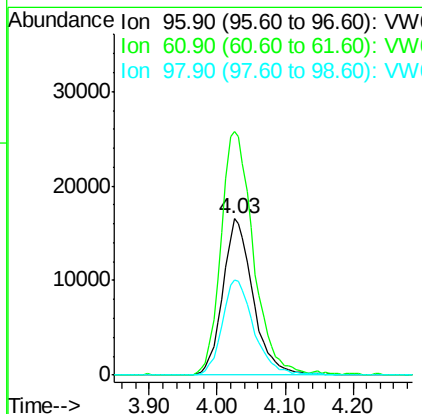
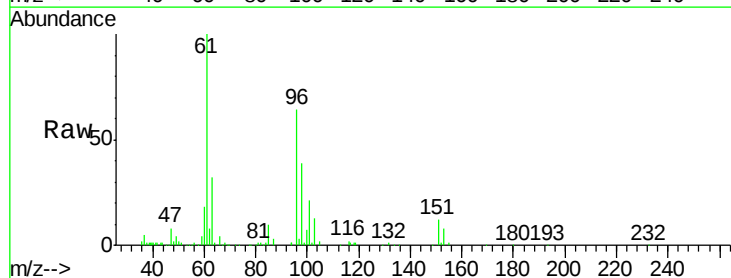
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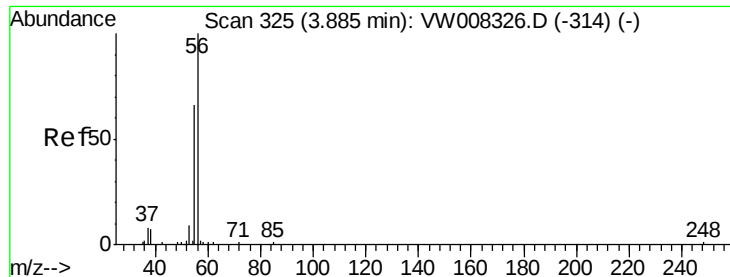


#12

1,1-Dichloroethene
Concen: 49.615 ug/l
RT: 4.03 min Scan# 348
Delta R.T. -0.01 min
Lab File: VW008348.D
Acq: 18 Jan 2019 11:23

Tgt Ion	Ratio	Lower	Upper
96	100		
61	156.0	126.4	189.6
98	61.2	46.7	70.1





#13

Acrolein

Concen: 242.051 ug/l

RT: 3.89 min Scan# 325

Delta R.T. 0.00 min

Lab File: VW008348.D

Acq: 18 Jan 2019 11:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 17621

Ion Ratio Lower Upper

56 100

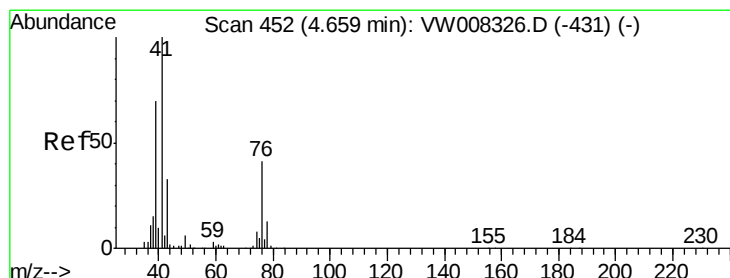
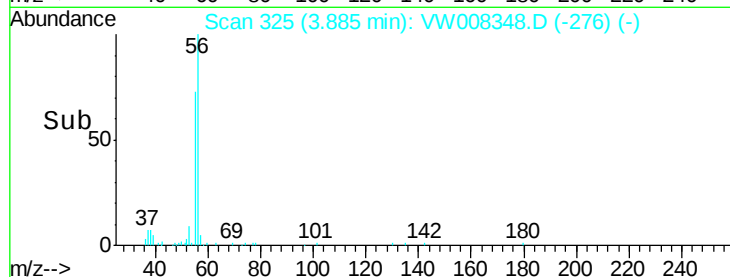
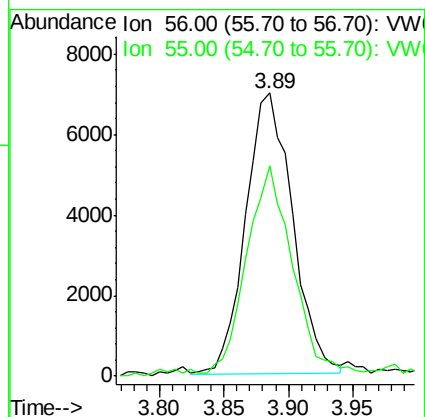
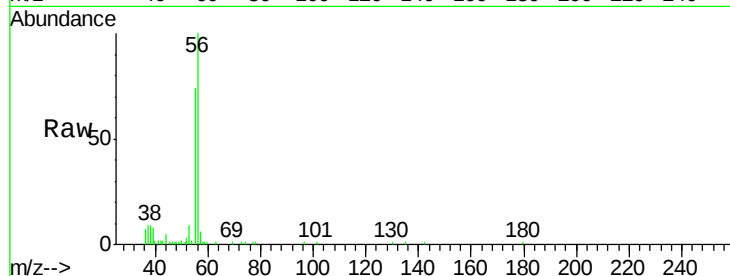
55 71.8 52.9 79.3

Manual Integrations

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#14

Allyl chloride

Concen: 53.385 ug/l

RT: 4.65 min Scan# 451

Delta R.T. -0.01 min

Lab File: VW008348.D

Acq: 18 Jan 2019 11:23

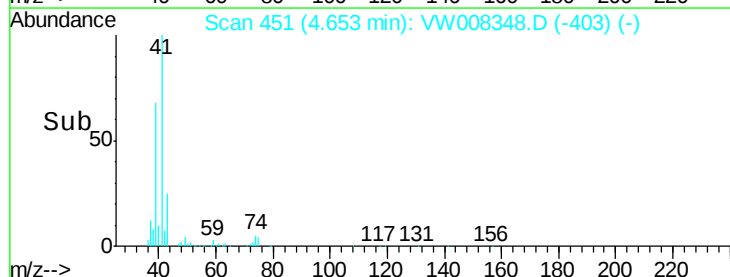
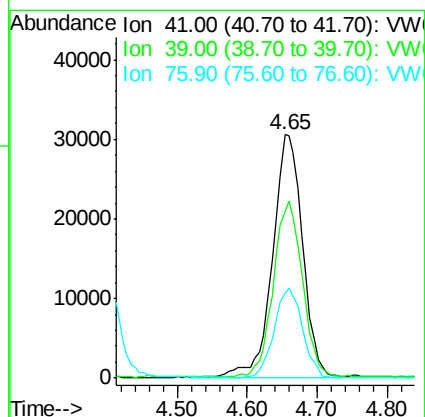
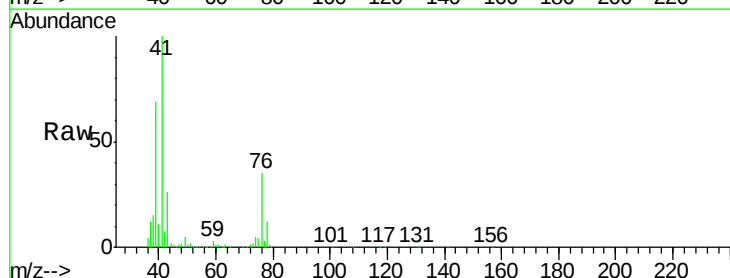
Tgt Ion: 41 Resp: 92009

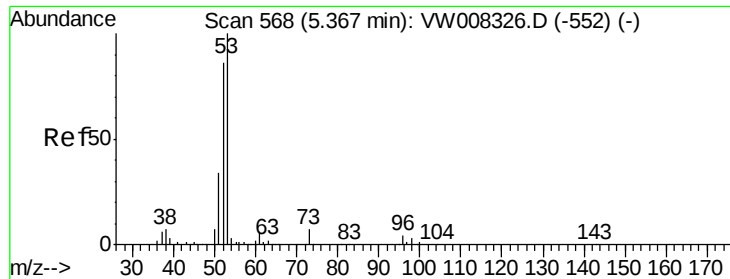
Ion Ratio Lower Upper

41 100

39 70.1 54.1 81.1

76 35.2 29.5 44.3





#15

Acrylonitrile

Concen: 239.884 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.01 min

Lab File: VW008348.D

Acq: 18 Jan 2019 11:23

Instrument :

MSVOA_W

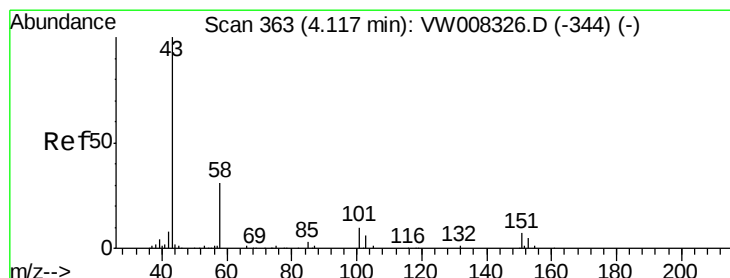
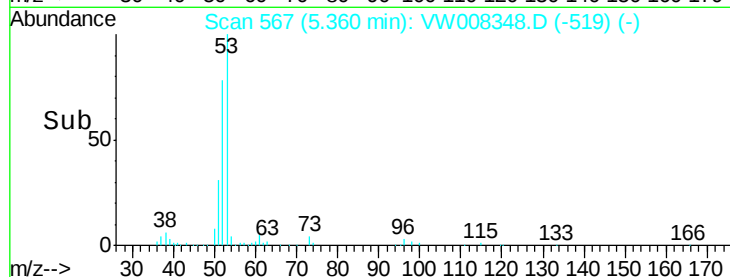
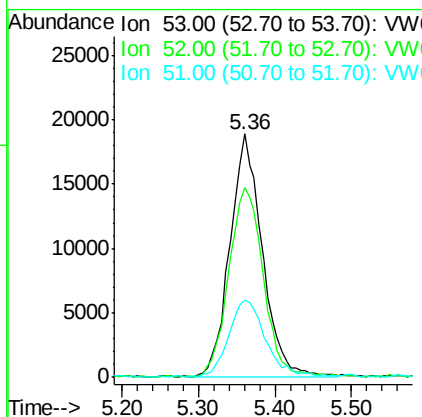
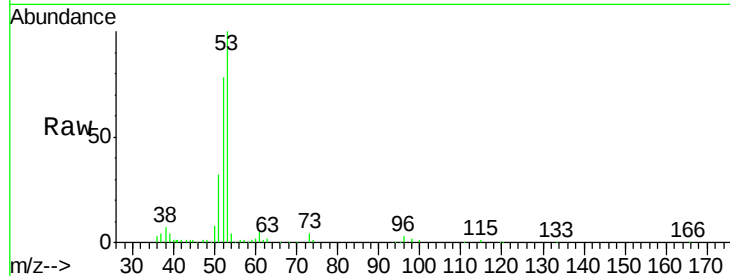
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	55634
Ion	Ratio	Lower	Upper
53	100		
52	83.1	66.4	99.6
51	36.3	29.6	44.4

Manual Integrations
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#16

Acetone

Concen: 243.710 ug/l

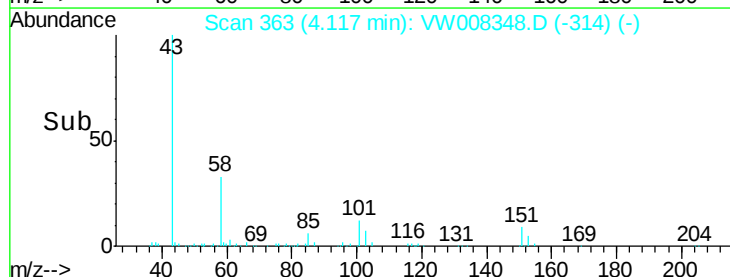
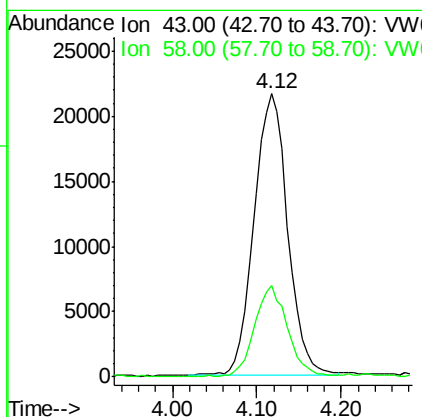
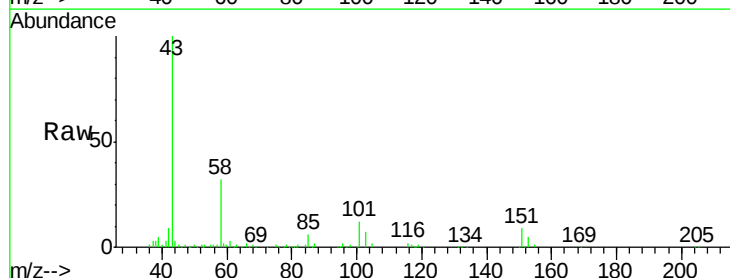
RT: 4.12 min Scan# 363

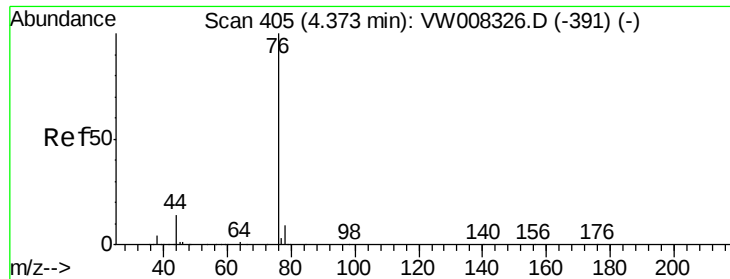
Delta R.T. -0.00 min

Lab File: VW008348.D

Acq: 18 Jan 2019 11:23

Tgt Ion:	43	Resp:	59155
Ion	Ratio	Lower	Upper
43	100		
58	32.2	24.7	37.1





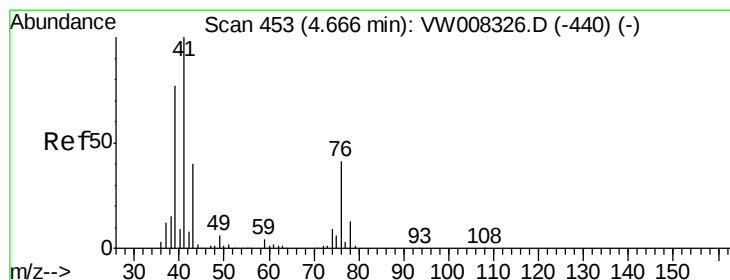
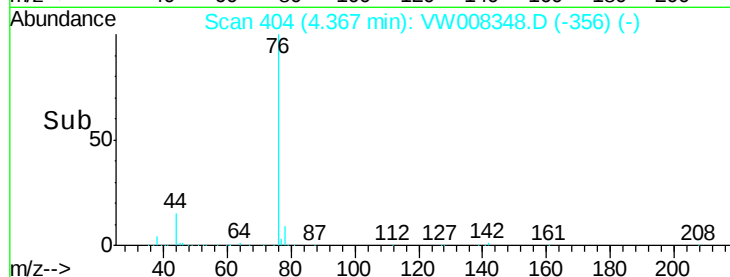
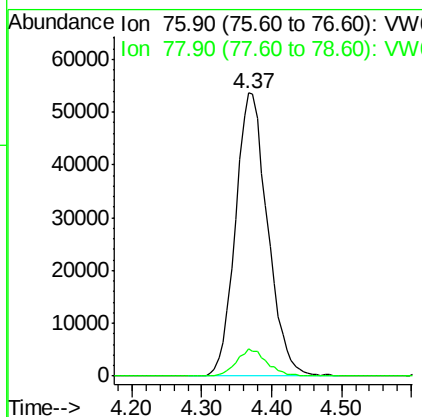
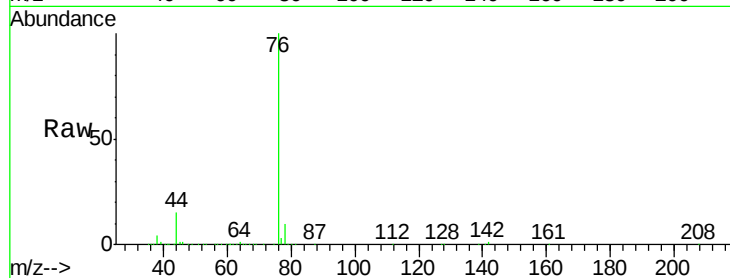
#17
Carbon Disulfide
Concen: 54.452 ug/l
RT: 4.37 min Scan# 404
Delta R.T. -0.01 min
Lab File: VW008348.D
Acq: 18 Jan 2019 11:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.0	10.4

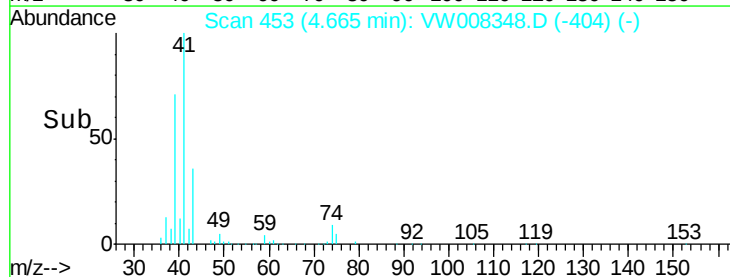
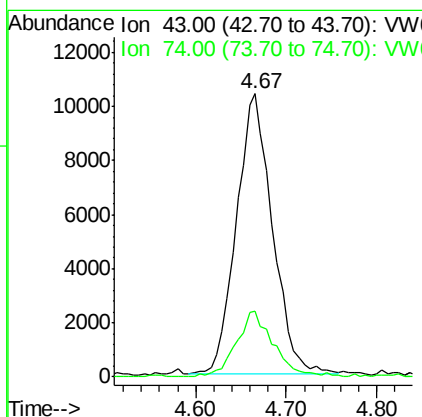
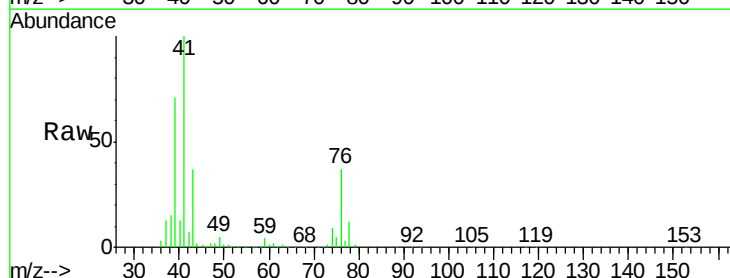
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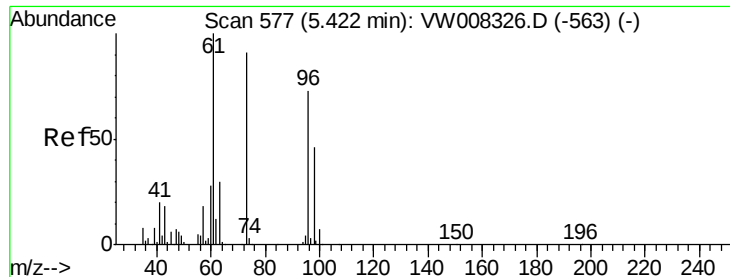
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#18
Methyl Acetate
Concen: 43.943 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.00 min
Lab File: VW008348.D
Acq: 18 Jan 2019 11:23

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.0	19.4	29.0





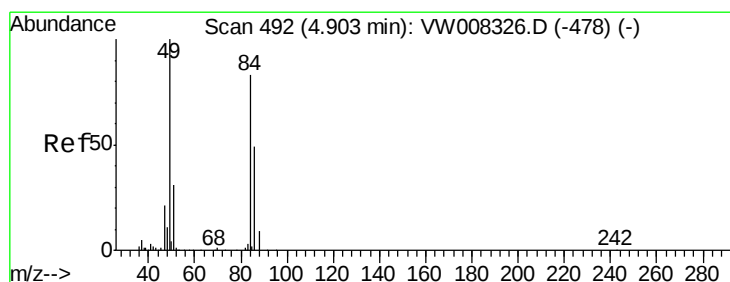
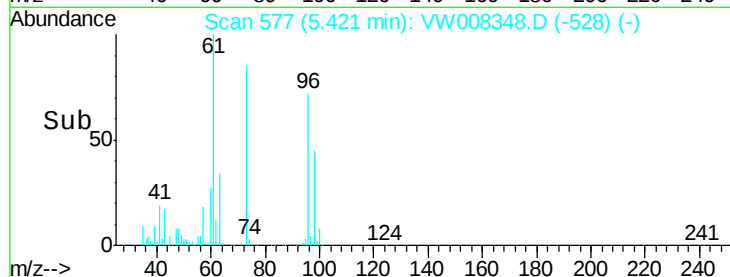
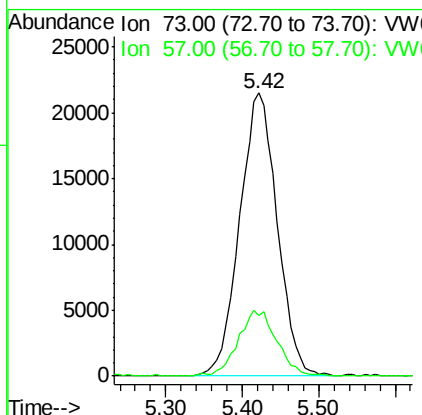
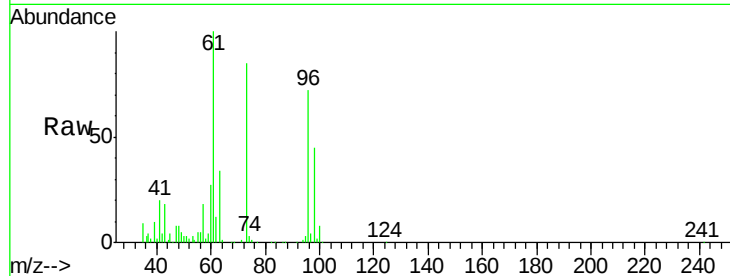
#19
Methyl tert-butyl Ether
Concen: 46.520 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.00 min
Lab File: VW008348.D
Acq: 18 Jan 2019 11:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.4	16.3	24.5

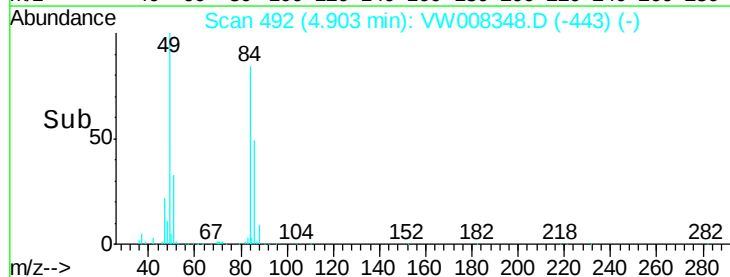
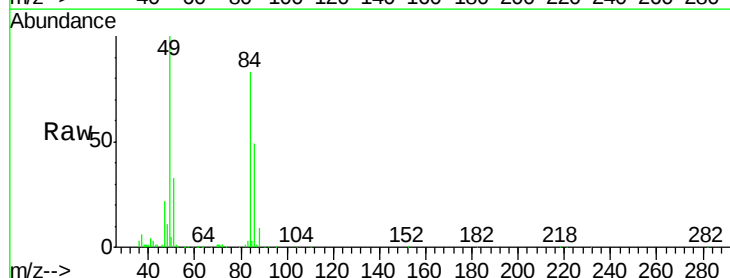
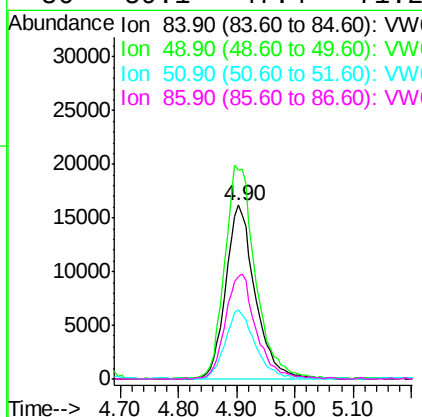
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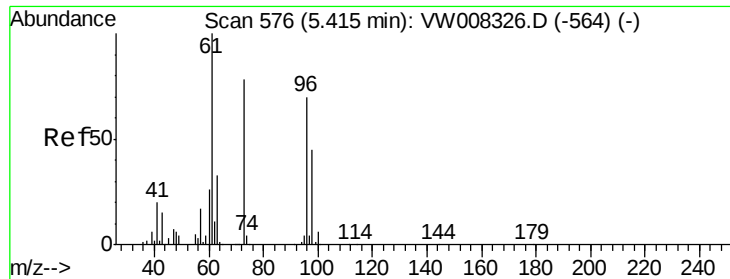
MMDadoda
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#20
Methylene Chloride
Concen: 50.577 ug/l
RT: 4.90 min Scan# 492
Delta R.T. 0.00 min
Lab File: VW008348.D
Acq: 18 Jan 2019 11:23

Tgt Ion	Ratio	Lower	Upper
84	100		
49	119.9	95.9	143.9
51	39.4	29.3	43.9
86	59.1	47.4	71.2





#21

trans-1,2-Dichloroethene

Concen: 51.567 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.00 min

Lab File: VW008348.D

Acq: 18 Jan 2019 11:23

Instrument :

MSVOA_W

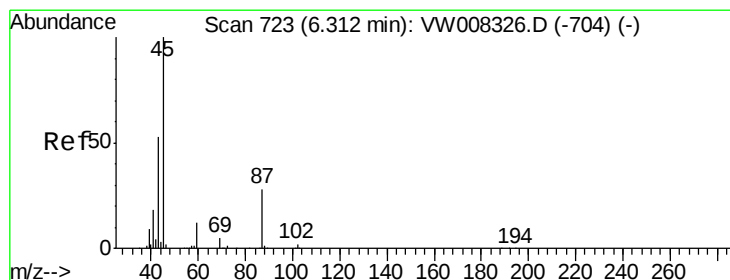
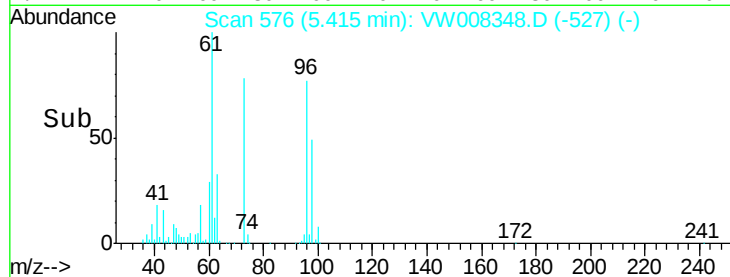
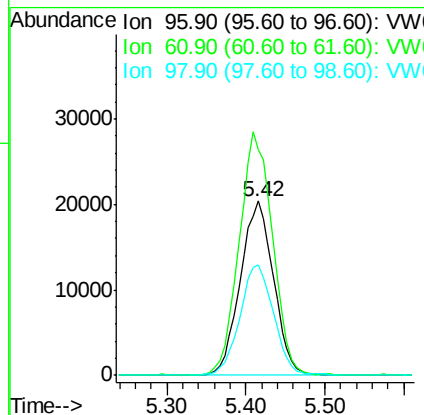
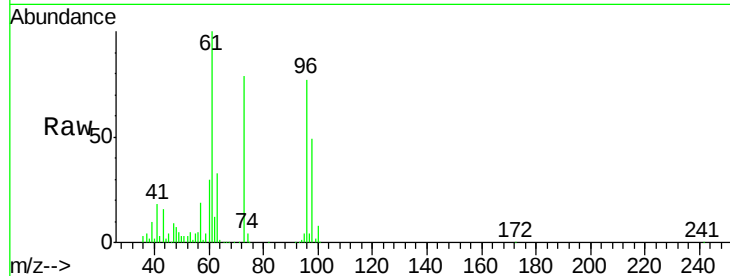
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	59710
Ion	Ratio	Lower	Upper
96	100		
61	129.7	114.5	171.7
98	63.6	52.0	78.0

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#22

Diisopropyl ether

Concen: 52.211 ug/l

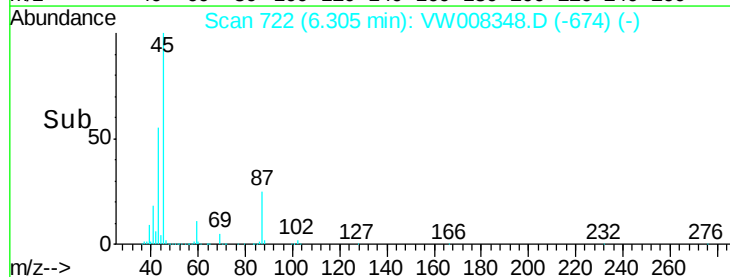
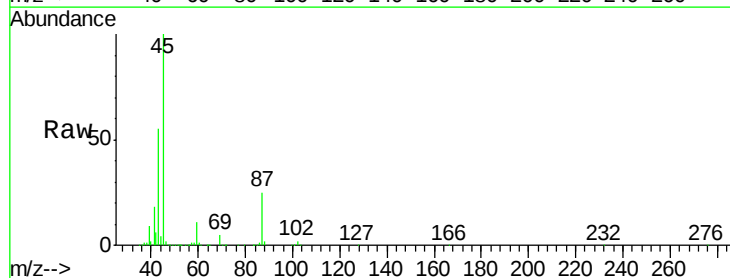
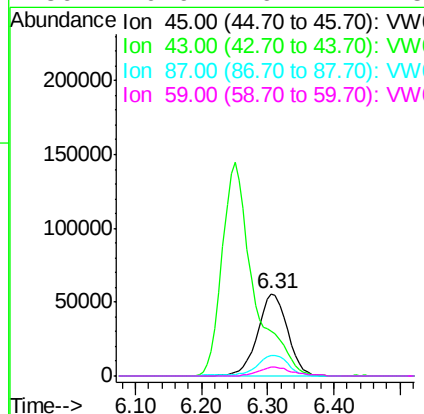
RT: 6.31 min Scan# 722

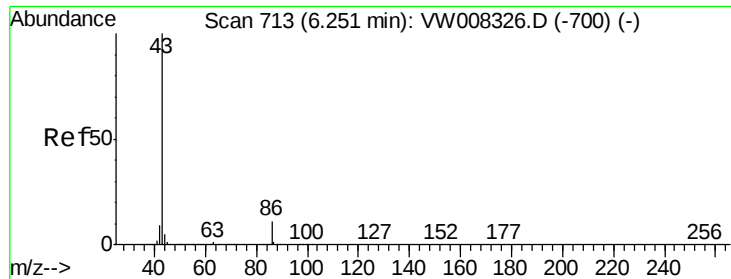
Delta R.T. -0.01 min

Lab File: VW008348.D

Acq: 18 Jan 2019 11:23

Tgt Ion:	45	Resp:	175684
Ion	Ratio	Lower	Upper
45	100		
43	54.1	42.5	63.7
87	25.2	22.2	33.2
59	10.9	9.7	14.5





#23

Vinyl Acetate

Concen: 264.749 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW008348.D

Acq: 18 Jan 2019 11:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 476196

Ion Ratio Lower Upper

43 100

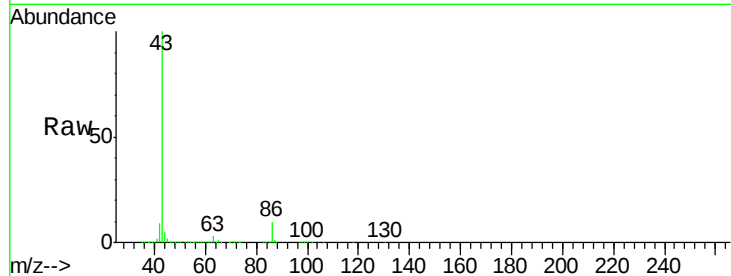
86 10.2 8.6 13.0

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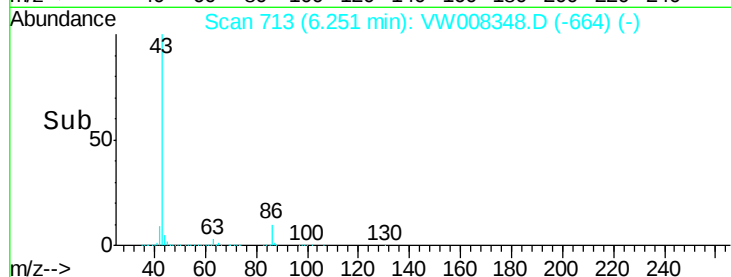
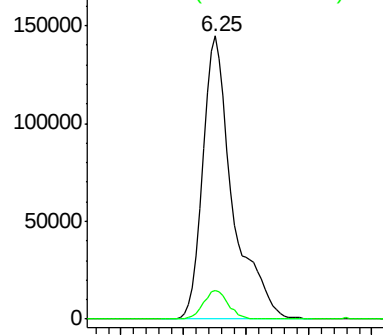
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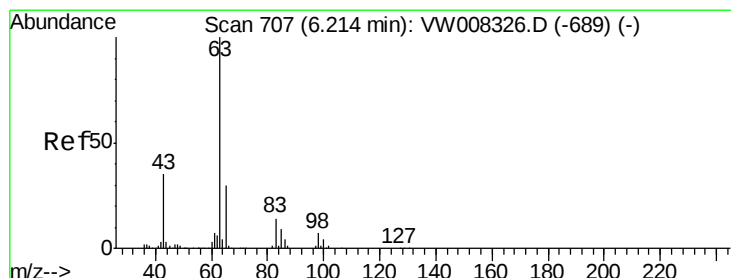


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



Time-->



#24

1,1-Dichloroethane

Concen: 52.294 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.01 min

Lab File: VW008348.D

Acq: 18 Jan 2019 11:23

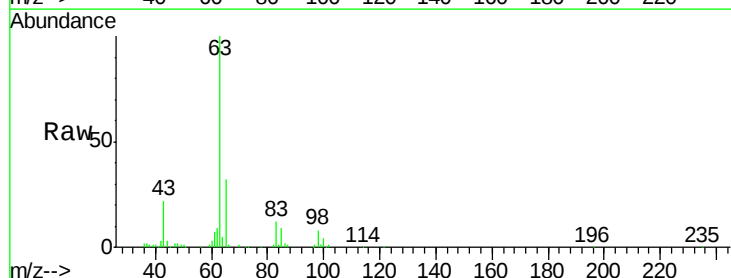
Tgt Ion: 63 Resp: 107140

Ion Ratio Lower Upper

63 100

98 7.6 3.5 10.6

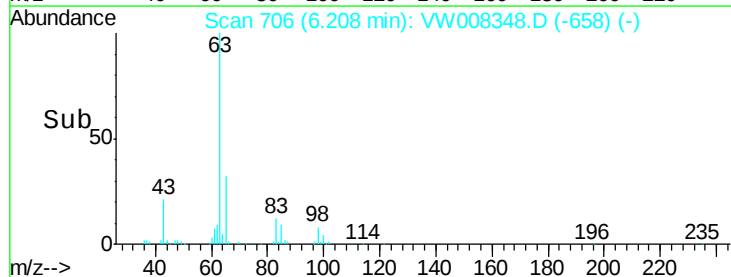
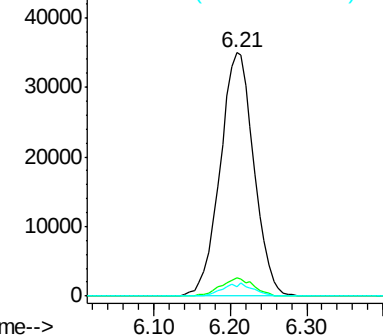
100 4.1 2.1 6.3



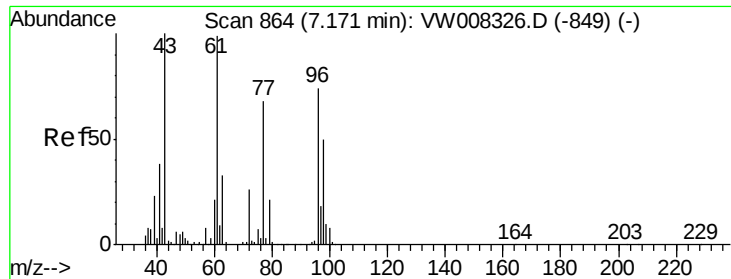
Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW



Time-->



#25

2-Butanone

Concen: 248.642 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW008348.D

Acq: 18 Jan 2019 11:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 77299

Ion Ratio Lower Upper

43 100

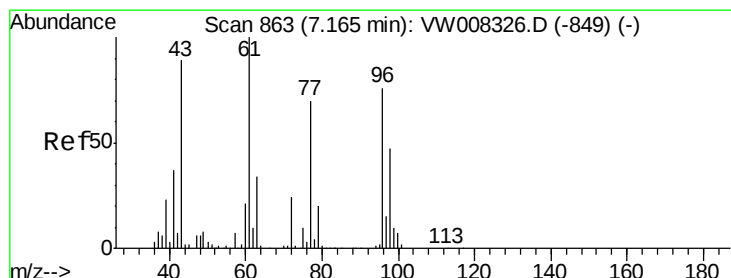
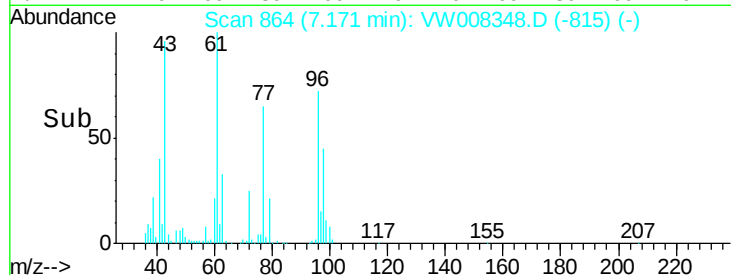
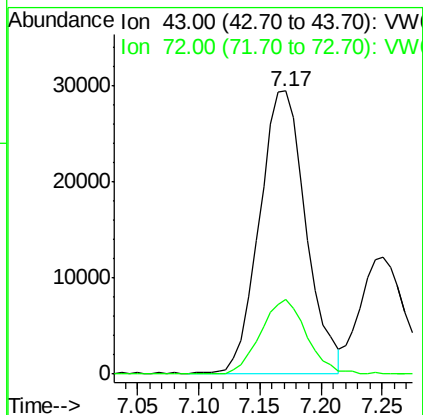
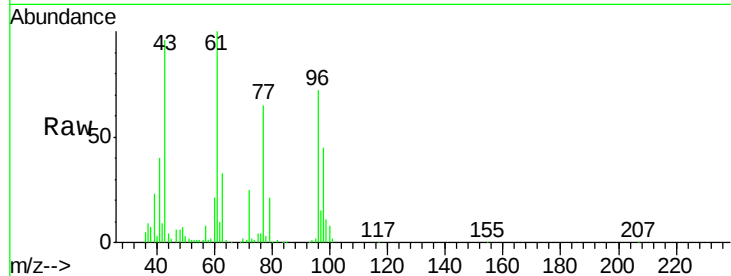
72 26.4 21.2 31.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 52.024 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW008348.D

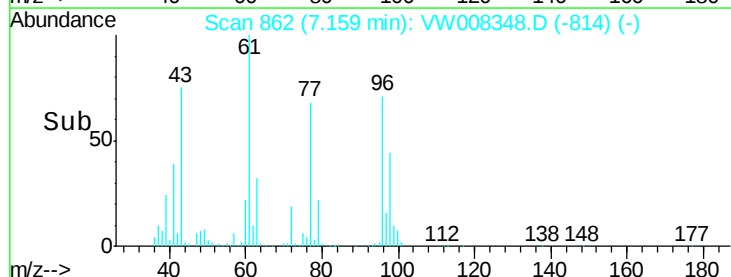
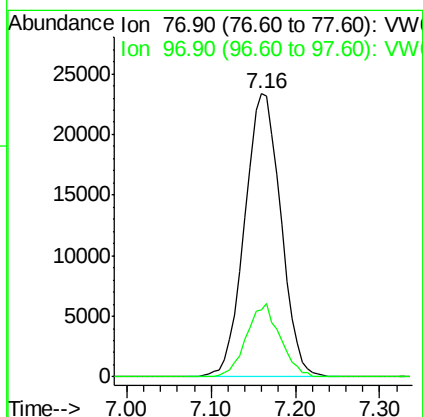
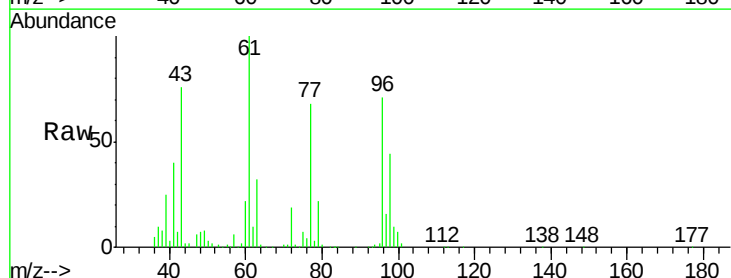
Acq: 18 Jan 2019 11:23

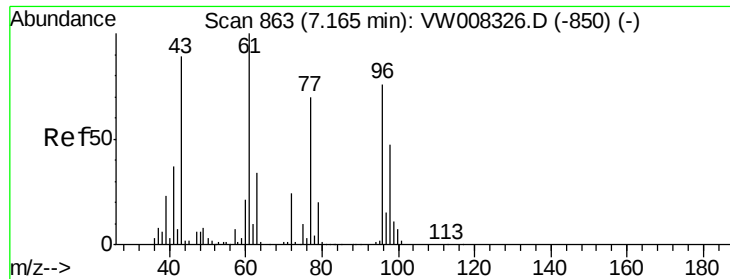
Tgt Ion: 77 Resp: 68019

Ion Ratio Lower Upper

77 100

97 24.0 11.7 35.1





#27

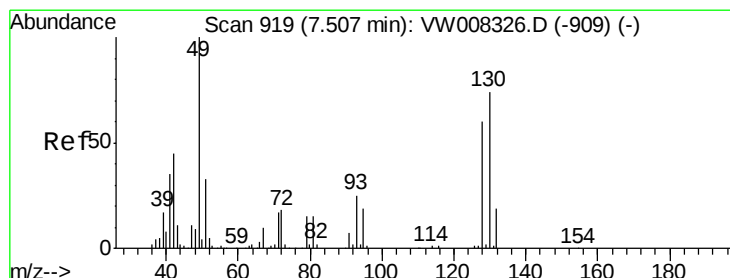
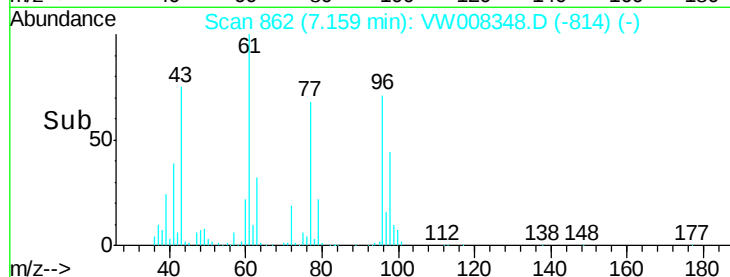
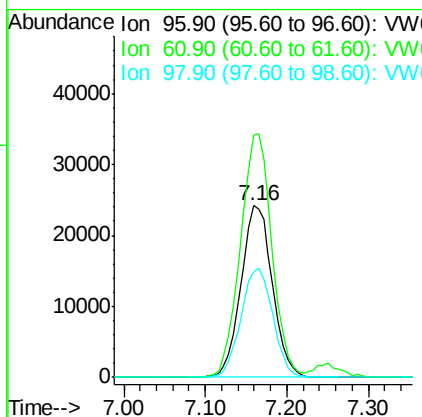
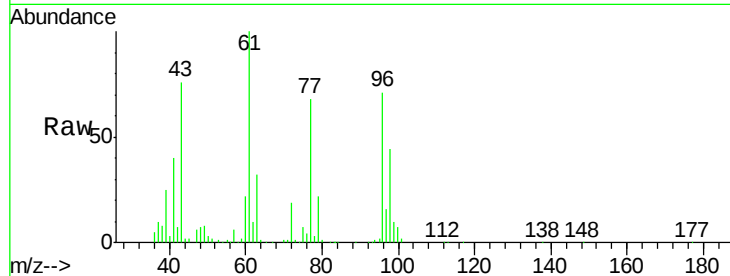
cis-1,2-Dichloroethene
Concen: 51.452 ug/l
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: VW008348.D
Acq: 18 Jan 2019 11:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	142.5	0.0	272.2
98	64.7	0.0	129.4

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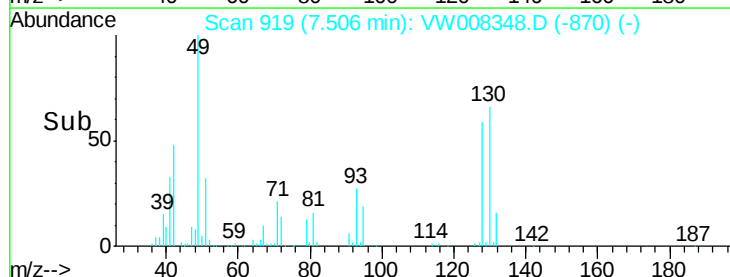
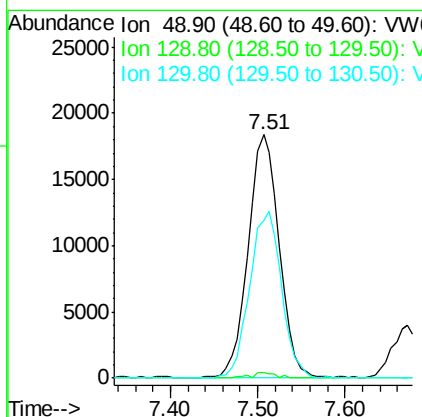
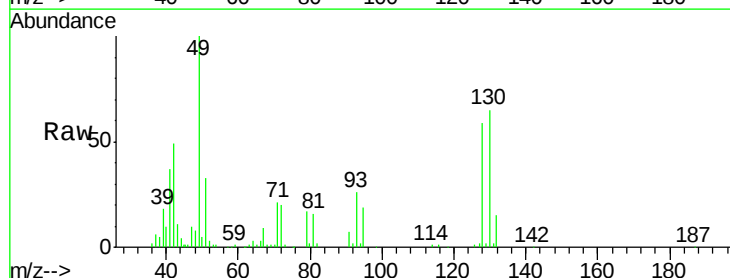
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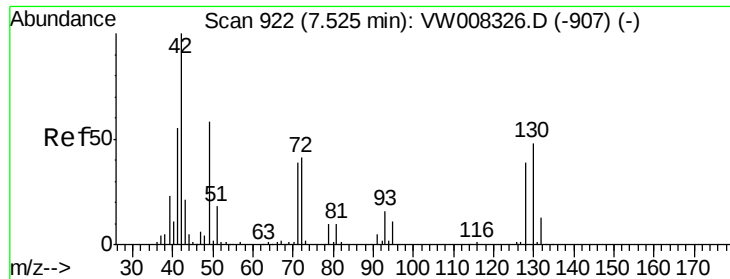


#28

Bromochloromethane
Concen: 53.884 ug/l
RT: 7.51 min Scan# 919
Delta R.T. -0.00 min
Lab File: VW008348.D
Acq: 18 Jan 2019 11:23

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	2.6
130	70.2	0.0	0.0#





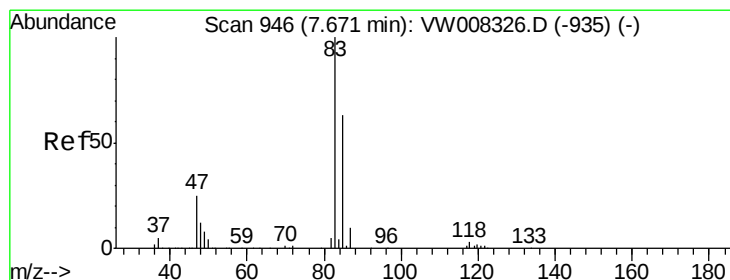
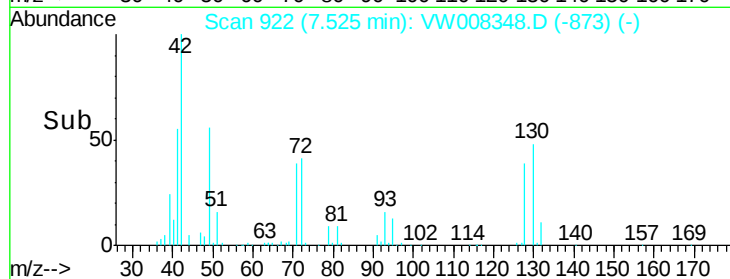
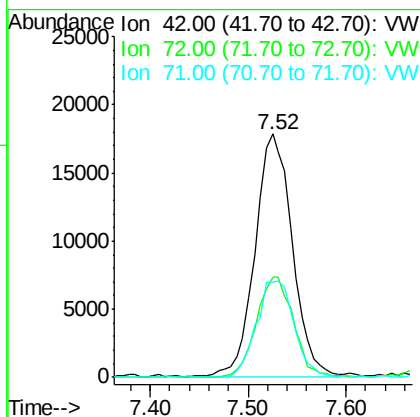
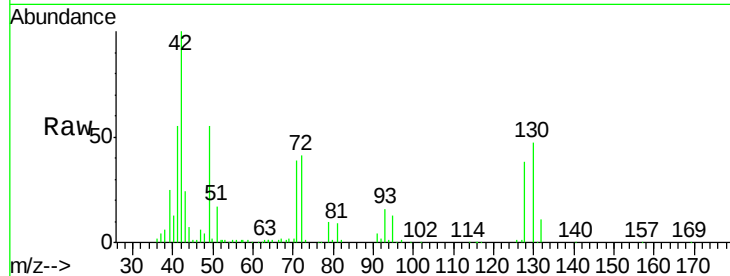
#29
Tetrahydrofuran
Concen: 242.257 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.00 min
Lab File: VW008348.D
Acq: 18 Jan 2019 11:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.6	34.0	51.0
71	40.6	32.0	48.0

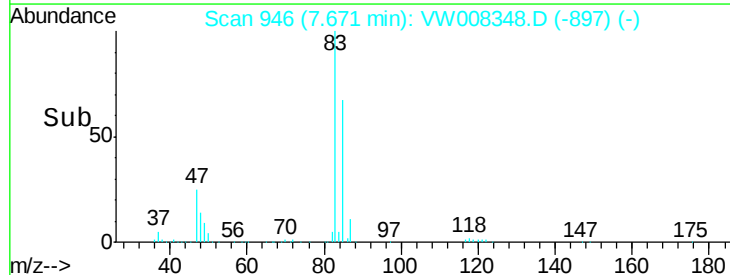
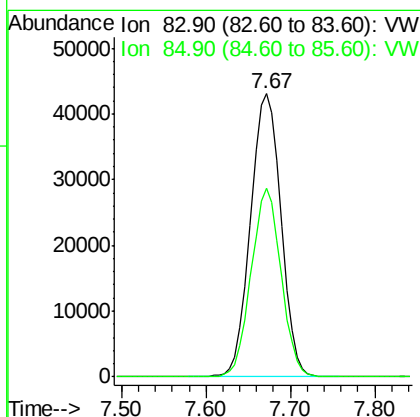
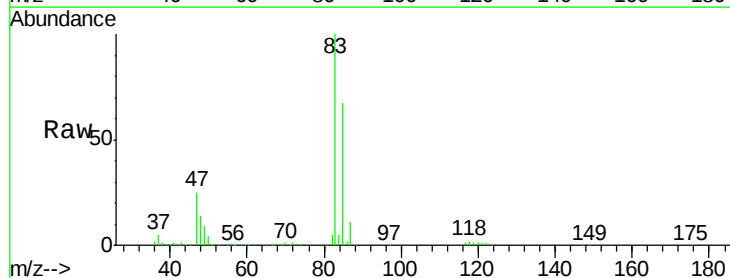
Manual Integrations
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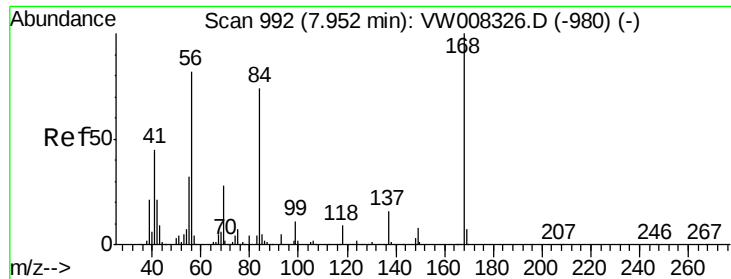
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#30
Chloroform
Concen: 52.319 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.00 min
Lab File: VW008348.D
Acq: 18 Jan 2019 11:23

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.7	50.2	75.2





#31

Cyclohexane

Concen: 54.941 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW008348.D

Acq: 18 Jan 2019 11:23

Instrument :

MSVOA_W

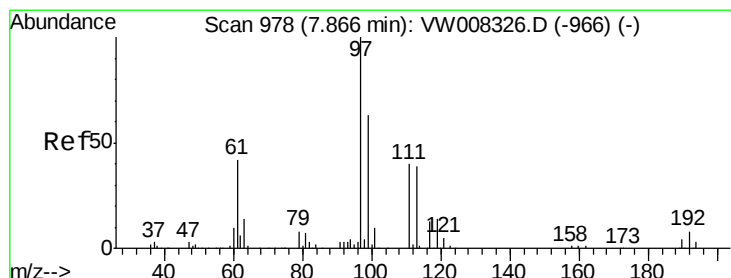
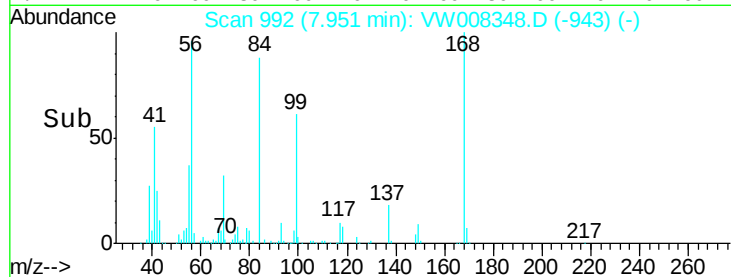
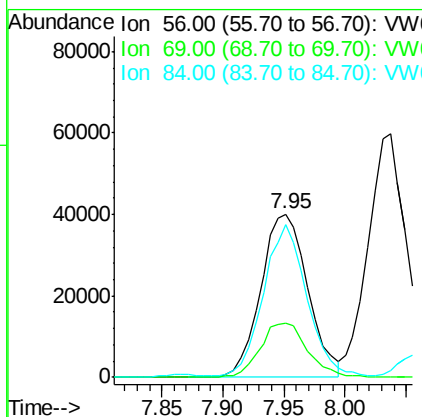
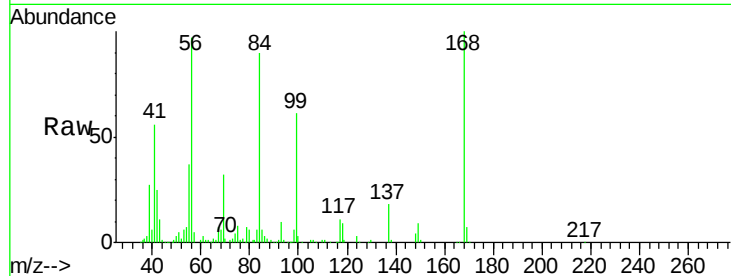
ClientSampleId :

VSTDCCC050

Tot Ion	56	Resp	107249
Ion	Ratio	Lower	Upper
56	100		
69	33.1	27.0	40.6
84	91.3	72.5	108.7

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 53.591 ug/l

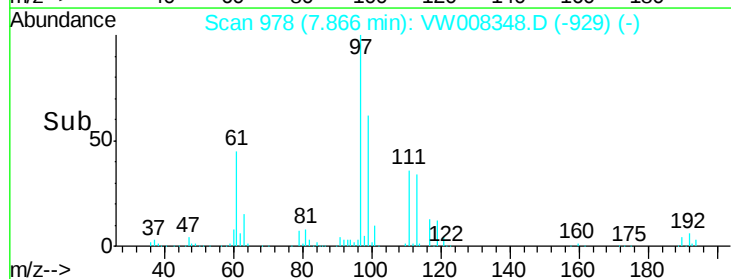
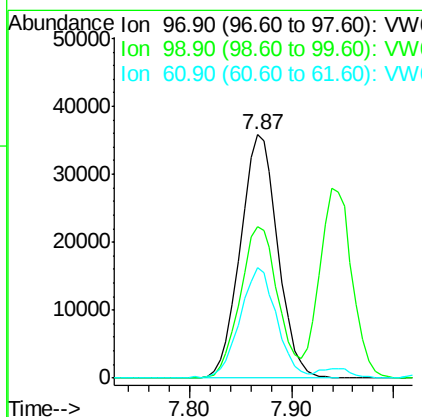
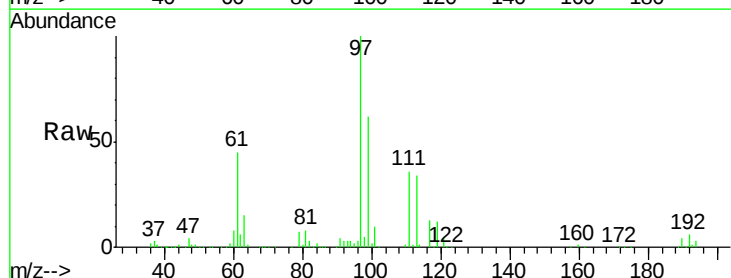
RT: 7.87 min Scan# 978

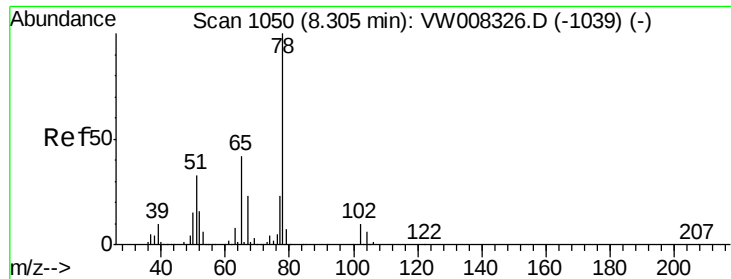
Delta R.T. -0.00 min

Lab File: VW008348.D

Acq: 18 Jan 2019 11:23

Tgt Ion	97	Resp	91172
Ion	Ratio	Lower	Upper
97	100		
99	63.4	51.1	76.7
61	44.2	34.0	51.0





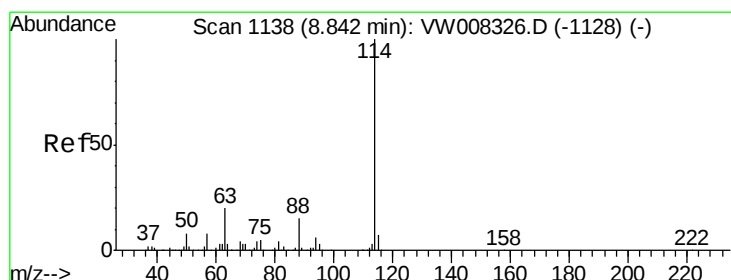
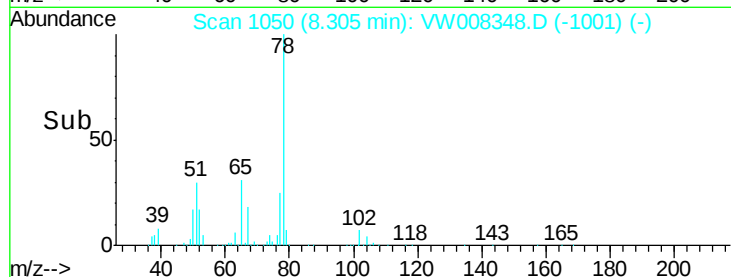
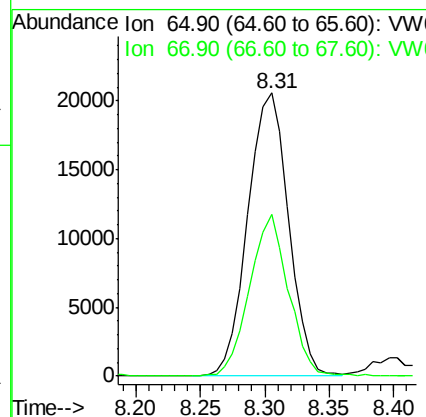
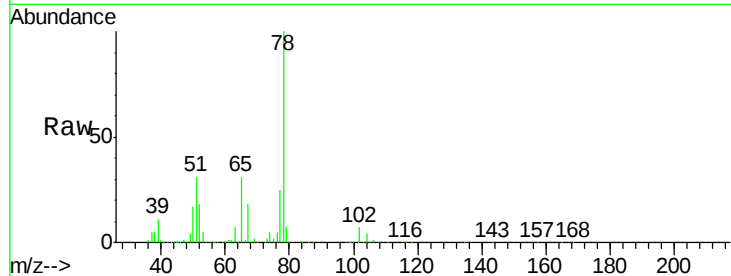
#33
 1,2-Dichloroethane-d4
 Concen: 43.263 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW008348.D
 Acq: 18 Jan 2019 11:23

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	45217		
67	54.3	0.0	106.2	

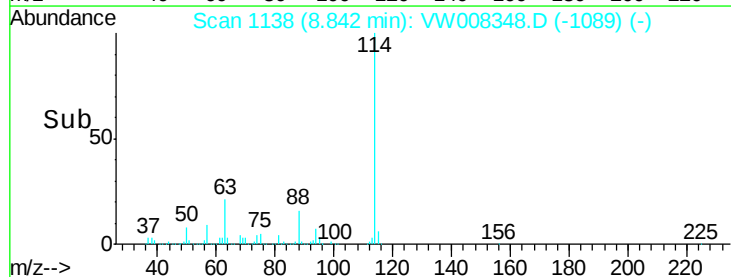
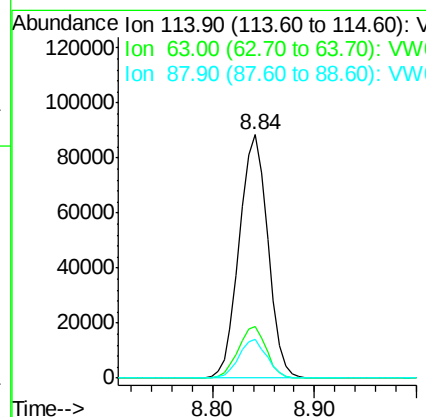
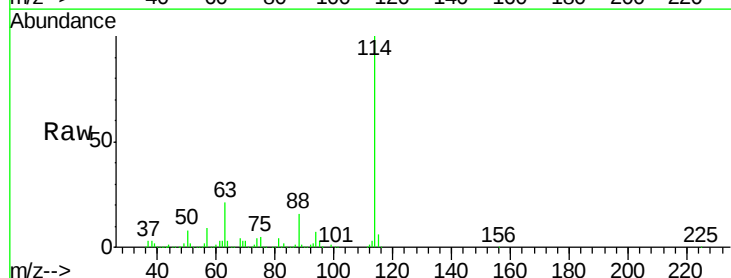
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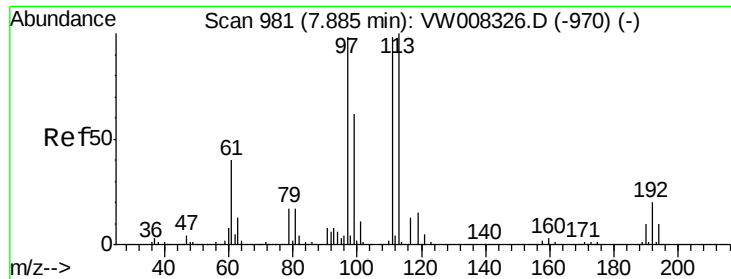
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW008348.D
 Acq: 18 Jan 2019 11:23

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	171628		
63	21.1	0.0	40.8	
88	15.7	0.0	30.4	





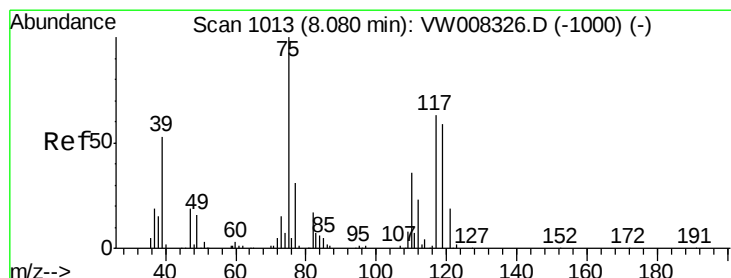
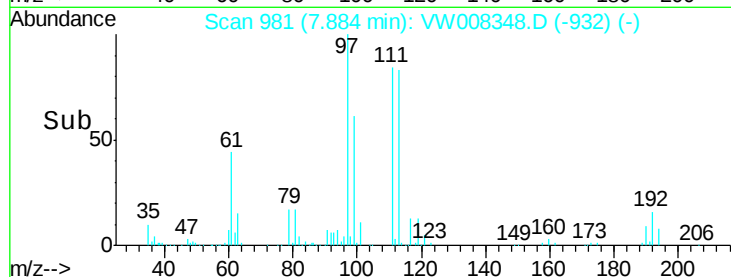
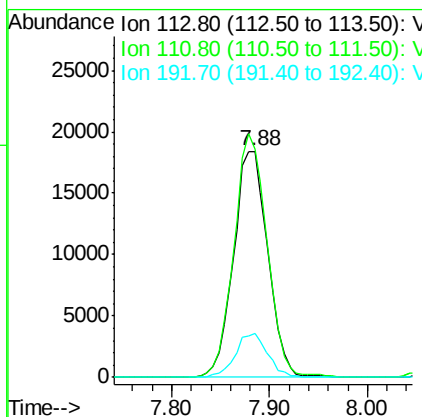
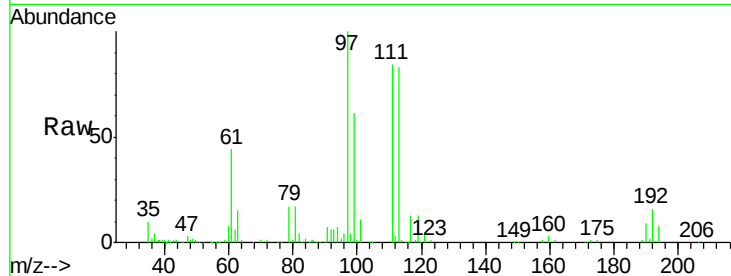
#35
 Dibromofluoromethane
 Concen: 40.913 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW008348.D
 Acq: 18 Jan 2019 11:23

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	104.4	81.8	122.8
192	18.2	16.3	24.5

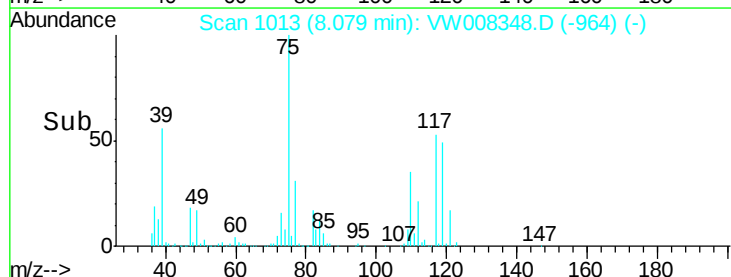
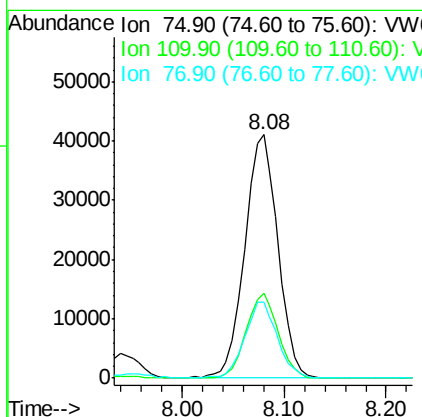
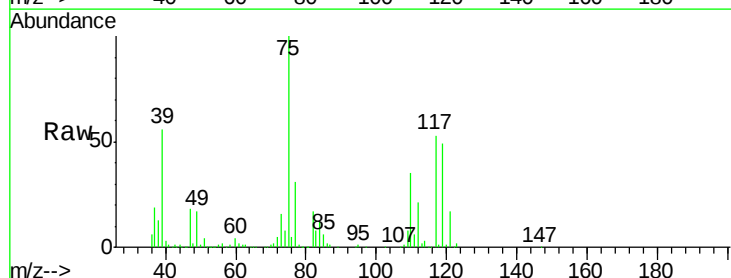
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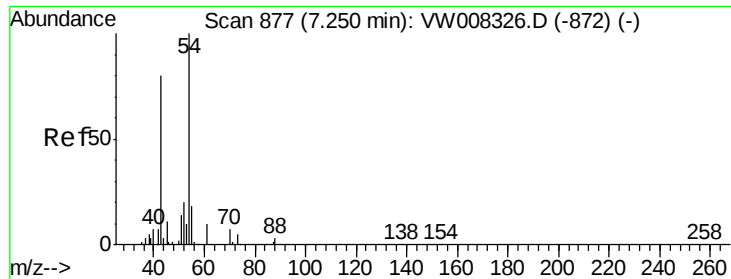
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#36
 1,1-Dichloropropene
 Concen: 53.395 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW008348.D
 Acq: 18 Jan 2019 11:23

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.8	17.5	52.6
77	31.2	25.0	37.6





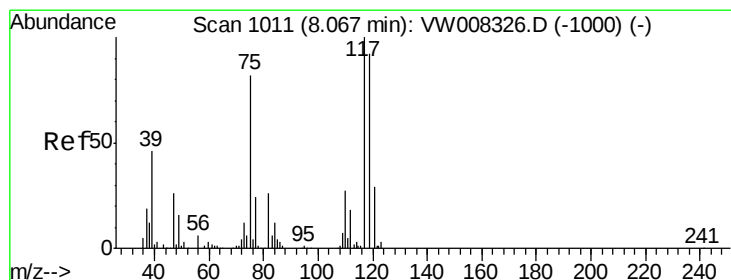
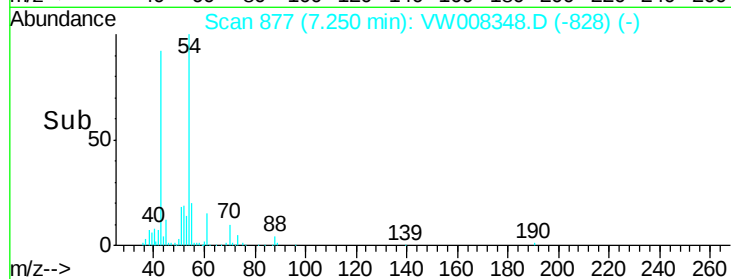
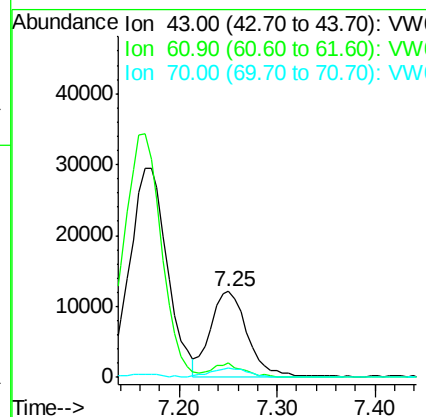
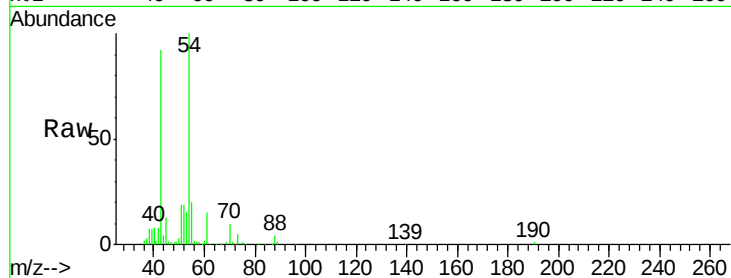
#37
Ethyl Acetate
Concen: 44.168 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW008348.D
Acq: 18 Jan 2019 11:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	43	Ratio	100	Resp	31450
Ion	43	100		Lower	Upper
	61	14.2		11.5	17.3
	70	11.0		8.8	13.2

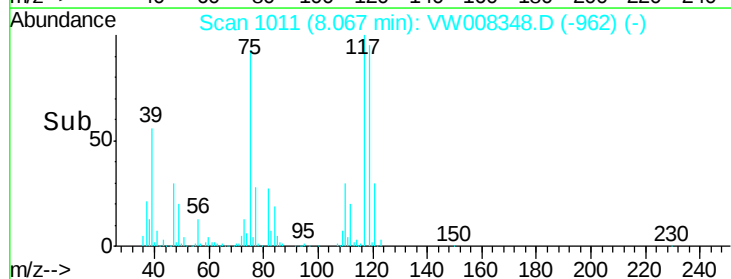
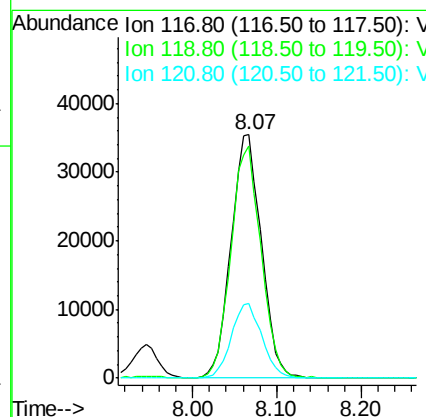
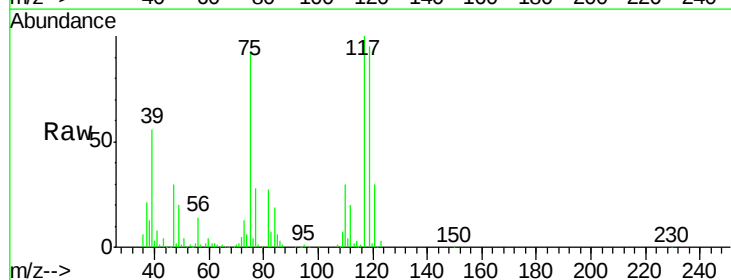
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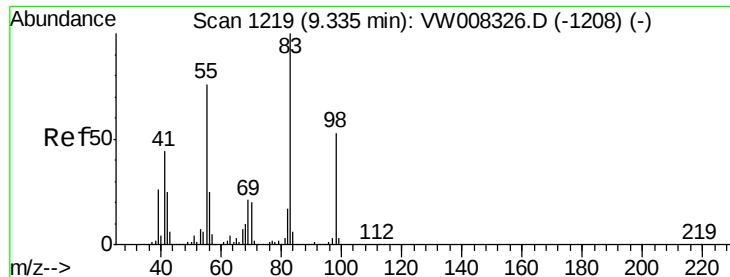
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#38
Carbon Tetrachloride
Concen: 50.789 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW008348.D
Acq: 18 Jan 2019 11:23

Tgt Ion	117	Ratio	100	Resp	86599
Ion	117	100		Lower	Upper
	119	95.4		73.8	110.6
	121	30.4		23.4	35.0





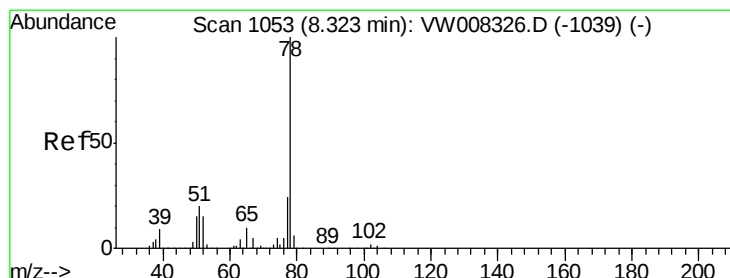
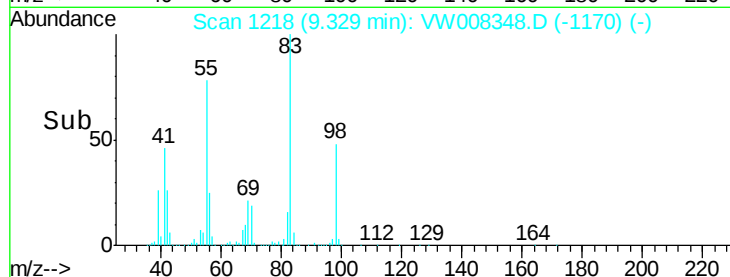
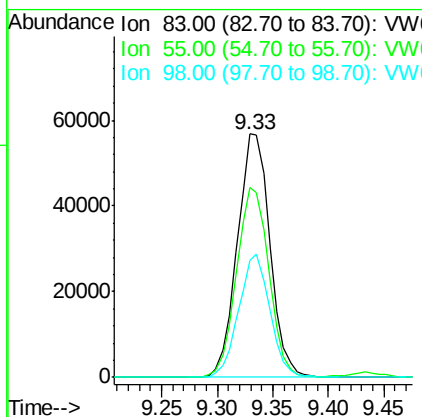
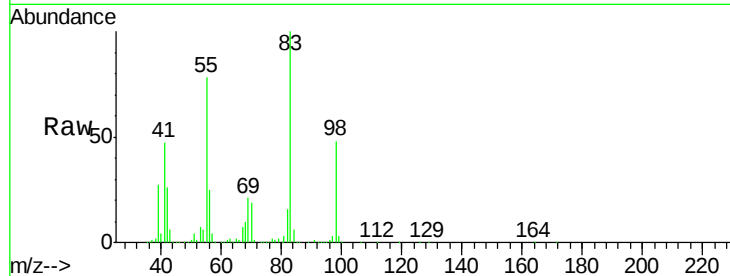
#39
Methvlcvclohexane
Concen: 56.202 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW008348.D
Acq: 18 Jan 2019 11:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	77.9	61.1	91.7	
98	47.9	42.5	63.7	

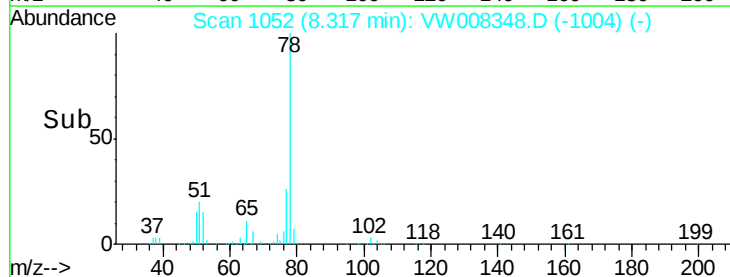
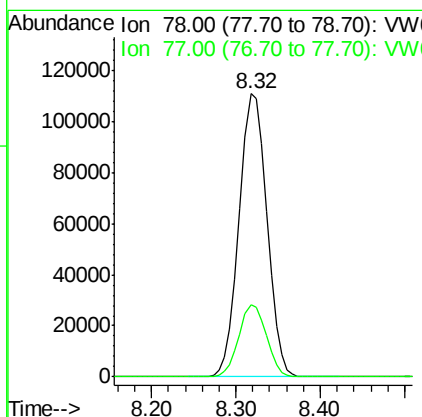
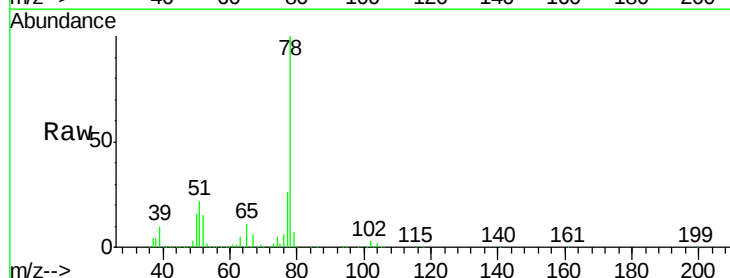
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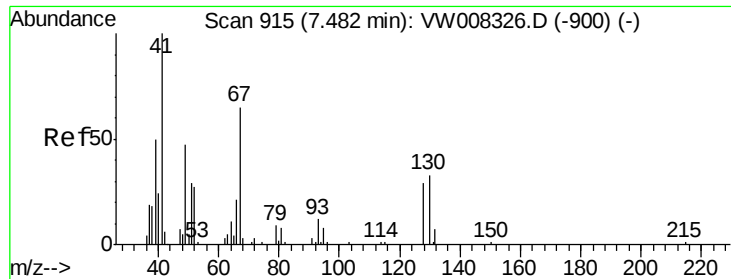
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#40
Benzene
Concen: 50.643 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VW008348.D
Acq: 18 Jan 2019 11:23

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	25.7	19.4	29.0	





#41

Methacrylonitrile

Concen: 40.095 ug/l

RT: 7.48 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW008348.D

Acq: 18 Jan 2019 11:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 16620
Ion Ratio Lower Upper

41 100

39 74.1 44.9 67.3#

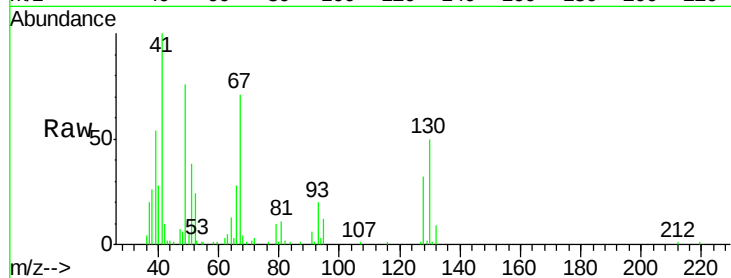
67 84.4 56.9 85.3

52 36.7 24.4 36.6#

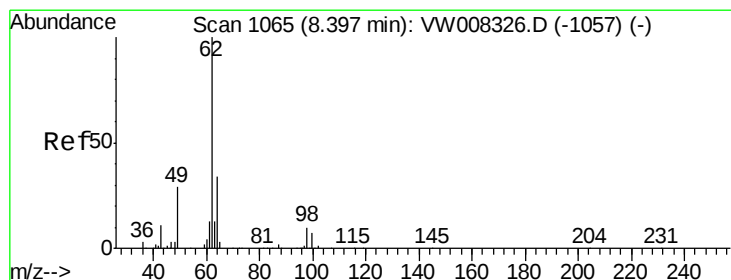
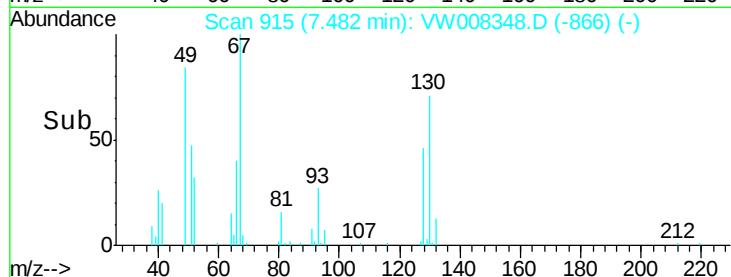
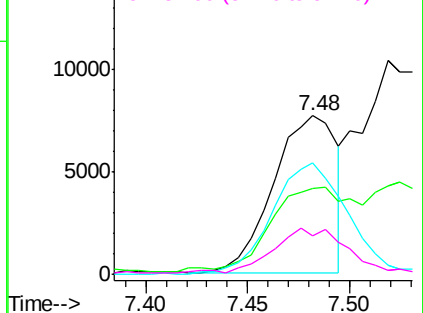
Manual Integrations
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Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW



#42

1,2-Dichloroethane

Concen: 47.454 ug/l

RT: 8.40 min Scan# 1065

Delta R.T. -0.00 min

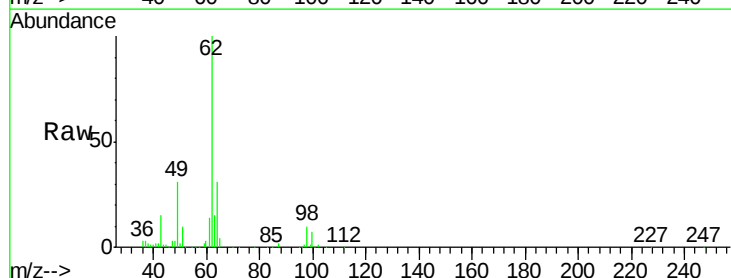
Lab File: VW008348.D

Acq: 18 Jan 2019 11:23

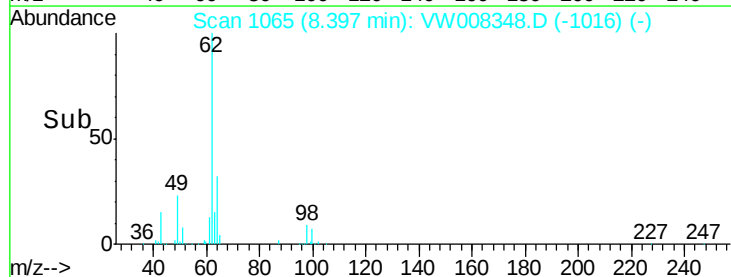
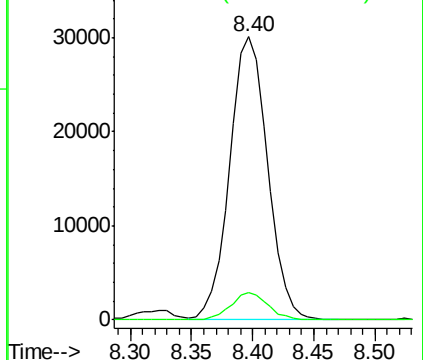
Tgt Ion: 62 Resp: 64904
Ion Ratio Lower Upper

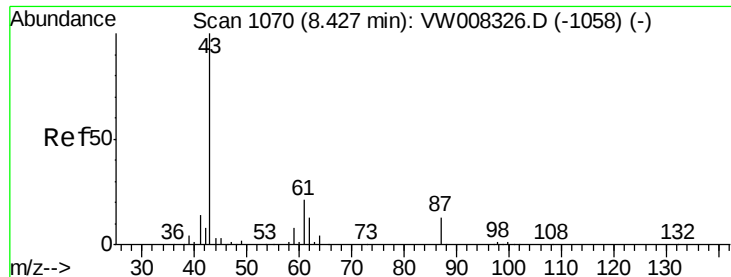
62 100

98 9.4 0.0 19.0



Abundance Ion 61.90 (61.60 to 62.60): VW
Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 45.288 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.01 min

Lab File: VW008348.D

Acq: 18 Jan 2019 11:23

Instrument :

MSVOA_W

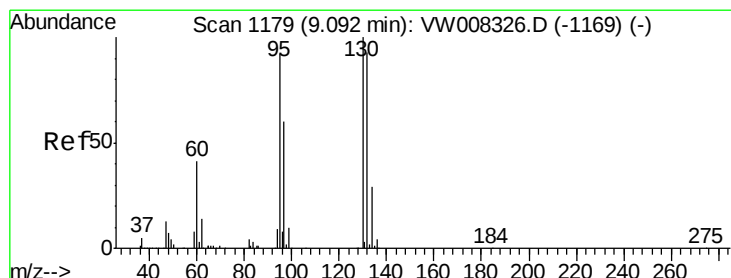
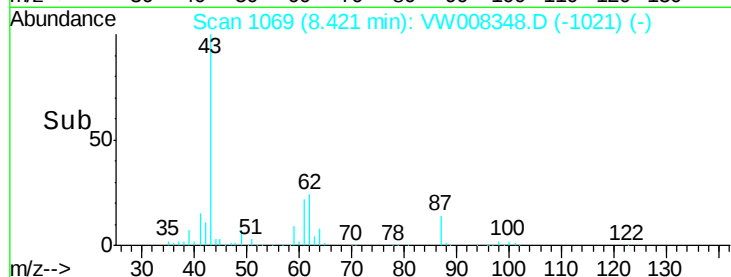
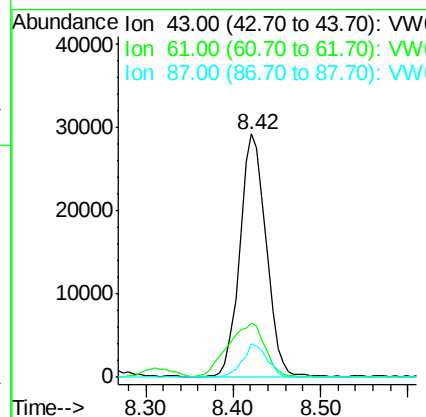
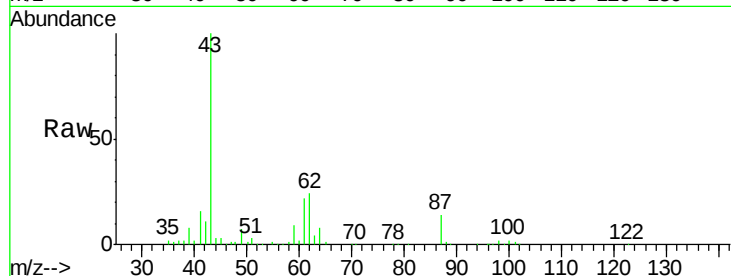
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	60914
Ion	Ratio	Lower	Upper
43	100		
61	32.0	24.8	37.2
87	12.8	10.7	16.1

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#44

Trichloroethene

Concen: 48.148 ug/l

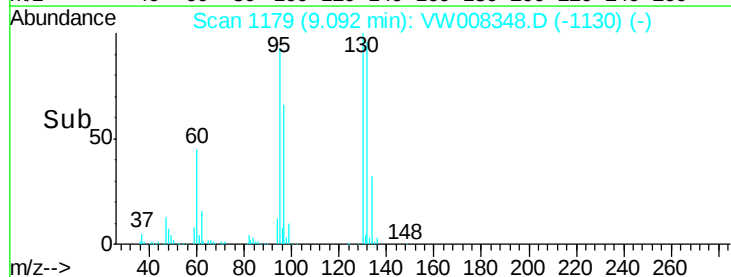
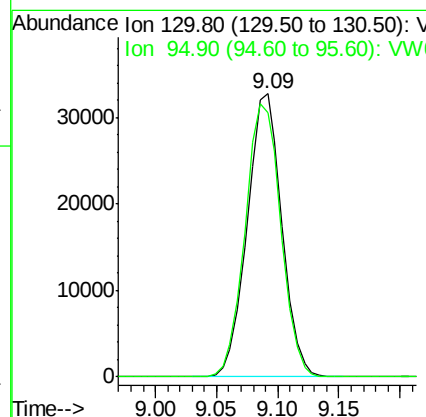
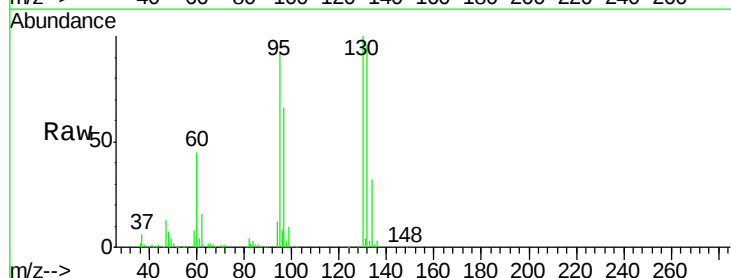
RT: 9.09 min Scan# 1179

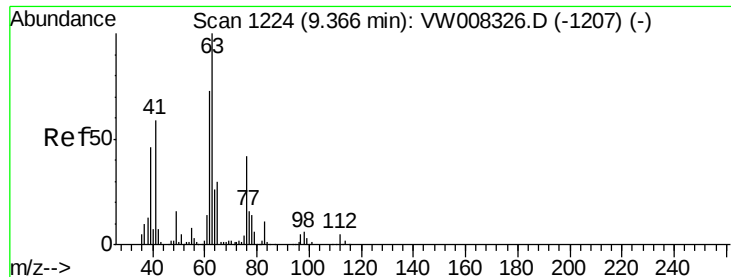
Delta R.T. -0.00 min

Lab File: VW008348.D

Acq: 18 Jan 2019 11:23

Tgt Ion:	130	Resp:	64522
Ion	Ratio	Lower	Upper
130	100		
95	93.1	0.0	184.8





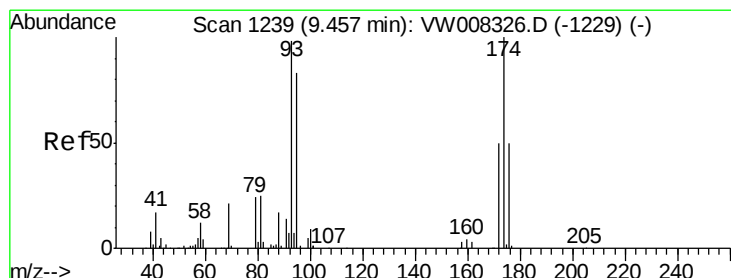
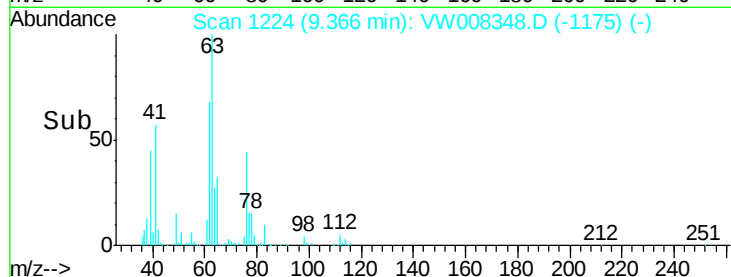
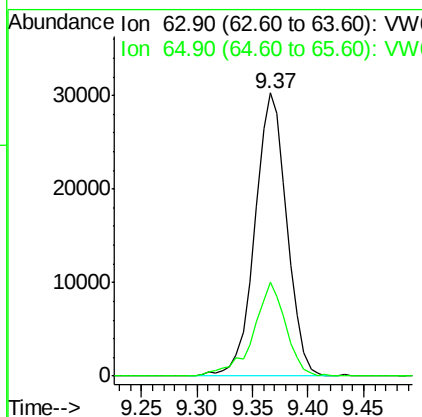
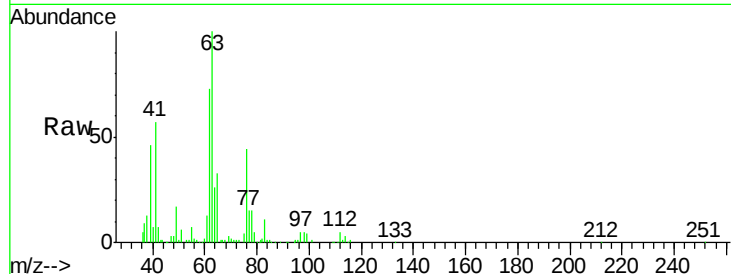
#45
 1,2-Dichloropropane
 Concen: 49.709 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW008348.D
 Acq: 18 Jan 2019 11:23

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	33.0	23.9	35.9

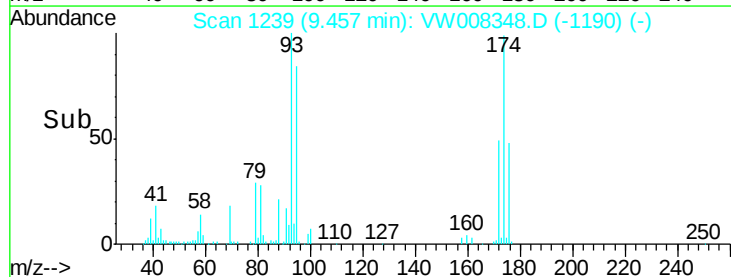
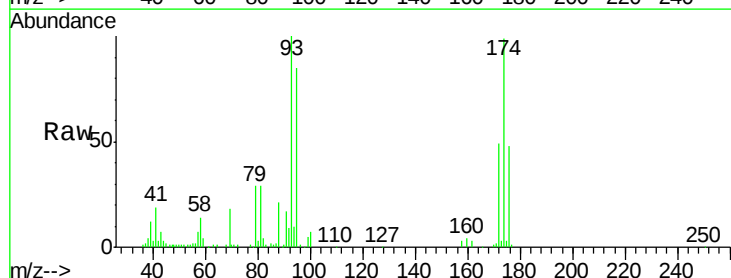
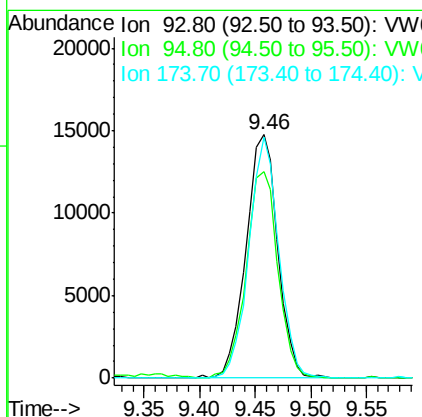
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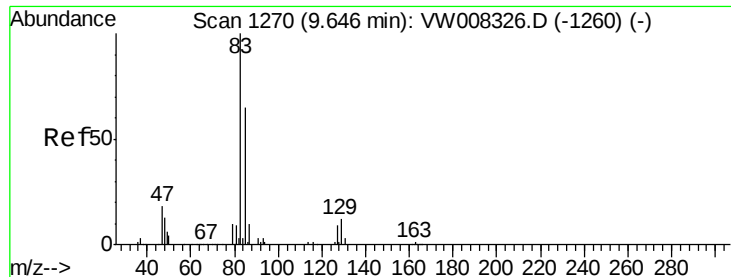
MMDadoda
 1/21/2019 11:09:35 AM



#46
 Dibromomethane
 Concen: 46.278 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW008348.D
 Acq: 18 Jan 2019 11:23

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.9	67.8	101.8
174	92.9	84.4	126.6





#47

Bromodichloromethane

Concen: 49.848 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW008348.D

Acq: 18 Jan 2019 11:23

Instrument :

MSVOA_W

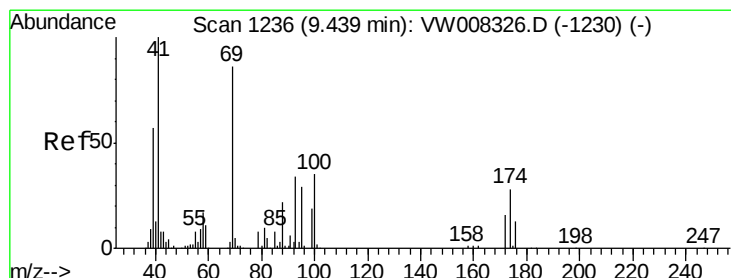
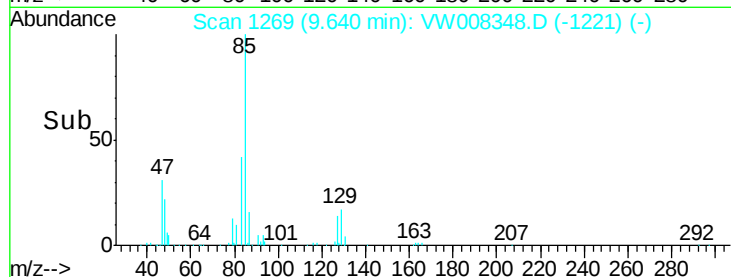
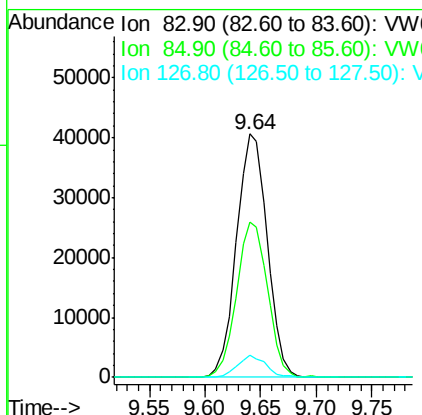
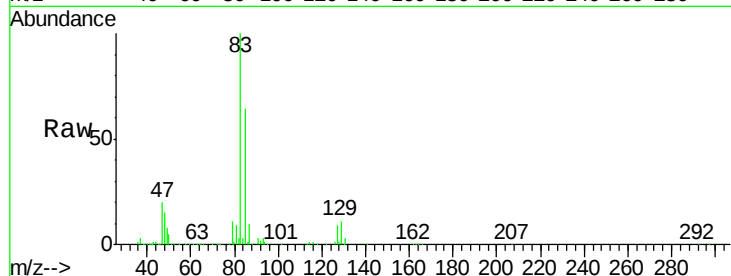
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	77861
Ion	Ratio	Lower	Upper
83	100		
85	63.8	51.6	77.4
127	9.0	6.8	10.2

Manual Integrations
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MMDadoda
1/21/2019 11:09:35 AM



#48

Methyl methacrylate

Concen: 49.427 ug/l

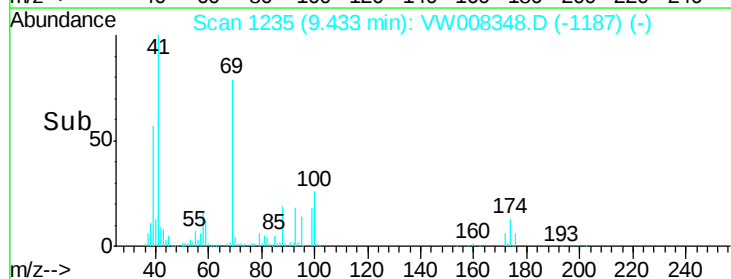
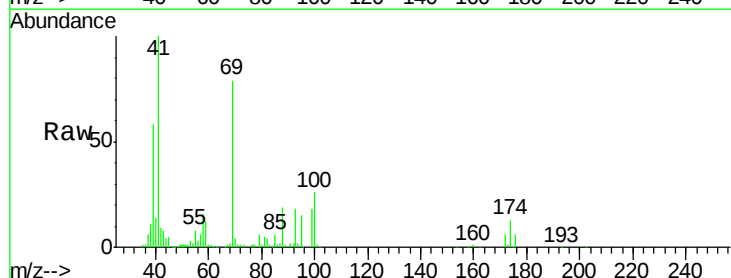
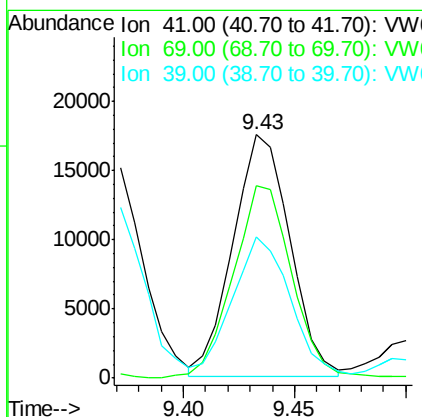
RT: 9.43 min Scan# 1235

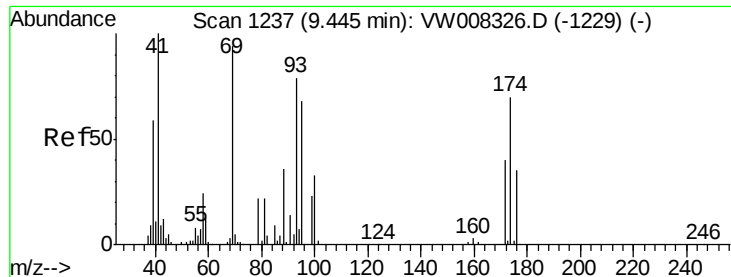
Delta R.T. -0.01 min

Lab File: VW008348.D

Acq: 18 Jan 2019 11:23

Tgt Ion:	41	Resp:	31296
Ion	Ratio	Lower	Upper
41	100		
69	82.3	68.2	102.4
39	55.3	46.0	69.0





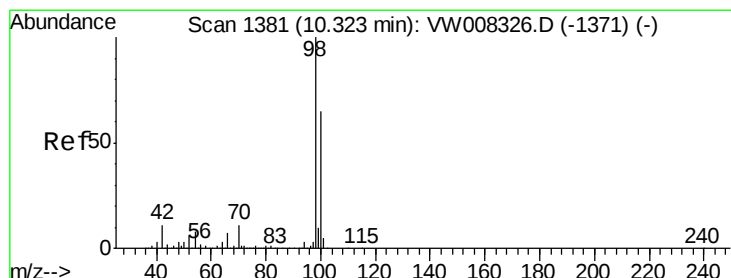
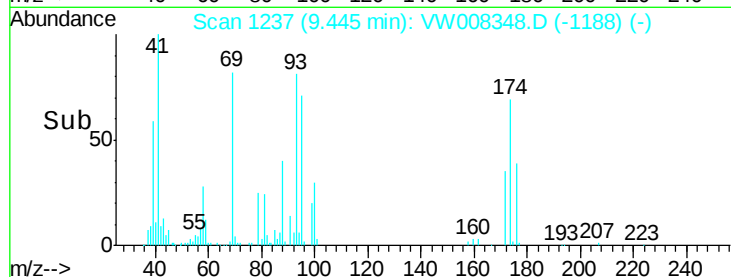
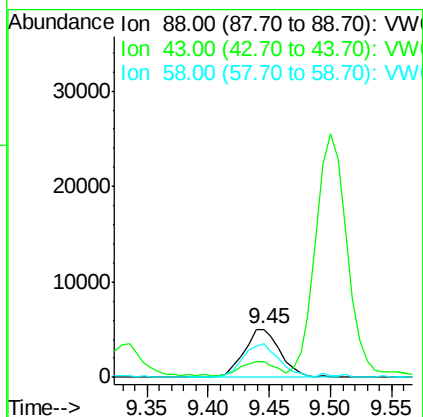
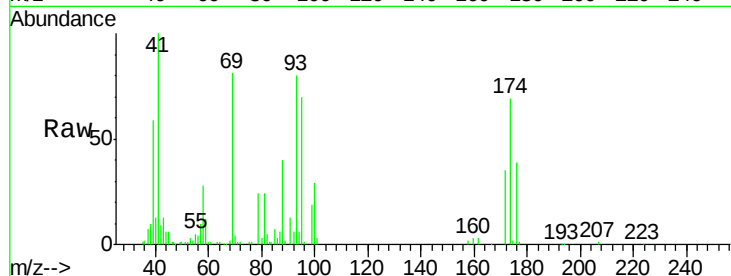
#49
1,4-Dioxane
Concen: 1021.693 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VW008348.D
Acq: 18 Jan 2019 11:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.9	27.1	40.7
58	66.7	57.9	86.9

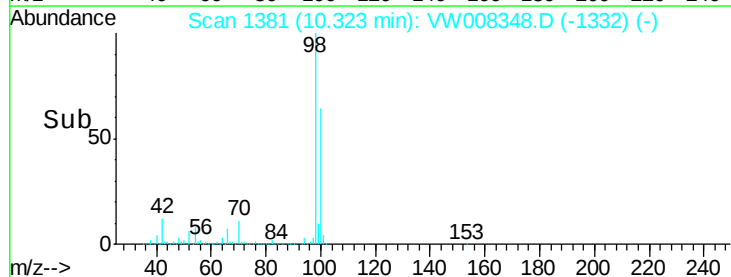
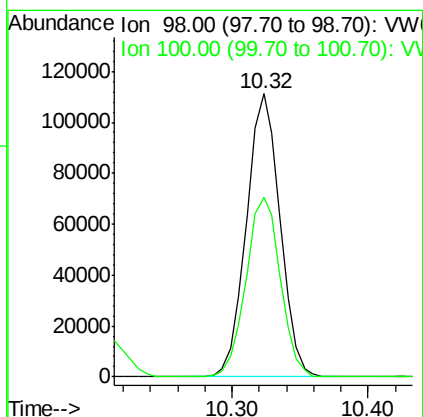
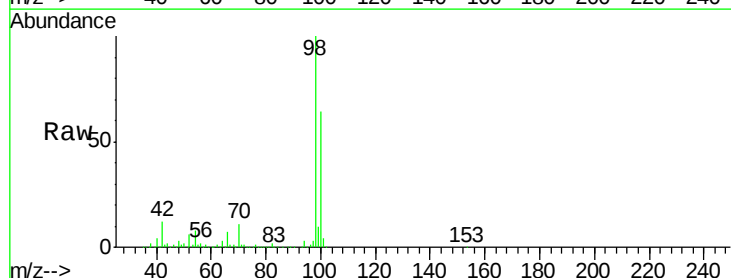
Manual Integrations
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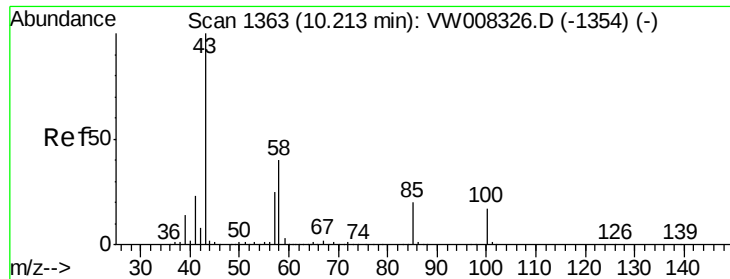
MMDadoda
1/21/2019 11:09:35 AM



#50
Toluene-d8
Concen: 44.825 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW008348.D
Acq: 18 Jan 2019 11:23

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.8	77.8





#51

4-Methyl-2-Pentanone

Concen: 233.923 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW008348.D

Acq: 18 Jan 2019 11:23

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 159317

Ion Ratio Lower Upper

43 100

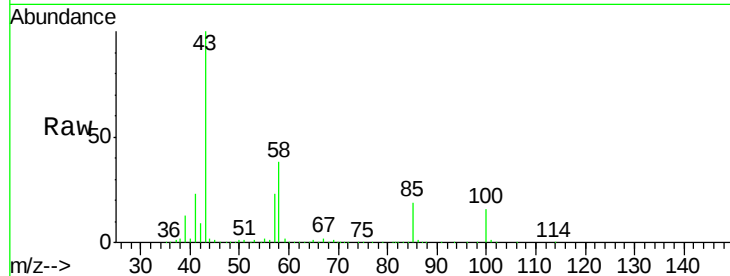
58 38.5 31.4 47.0

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

10.21

80000

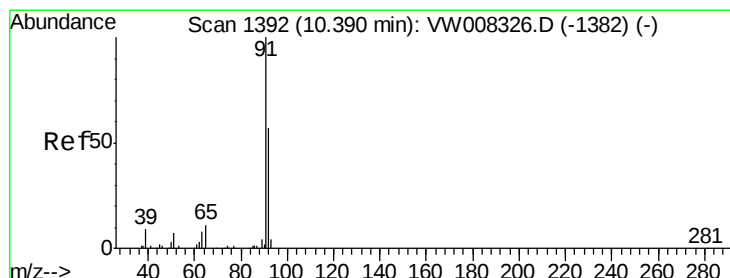
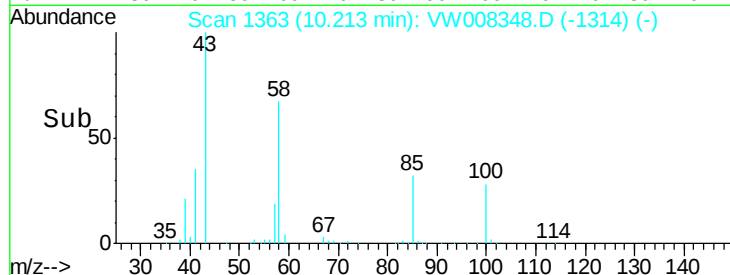
60000

40000

20000

0

Time-->



#52

Toluene

Concen: 52.857 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW008348.D

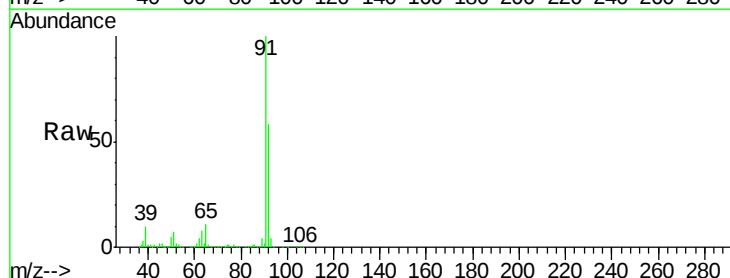
Acq: 18 Jan 2019 11:23

Tgt Ion: 92 Resp: 163614

Ion Ratio Lower Upper

92 100

91 173.3 140.2 210.2



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW

10.38

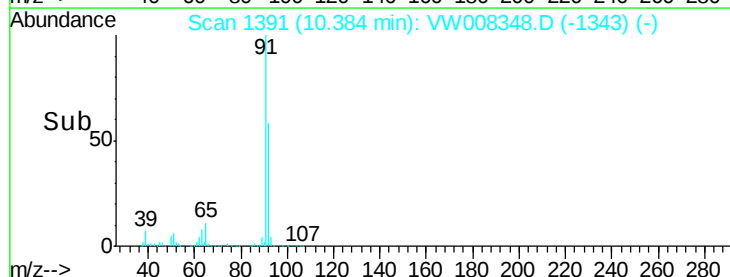
150000

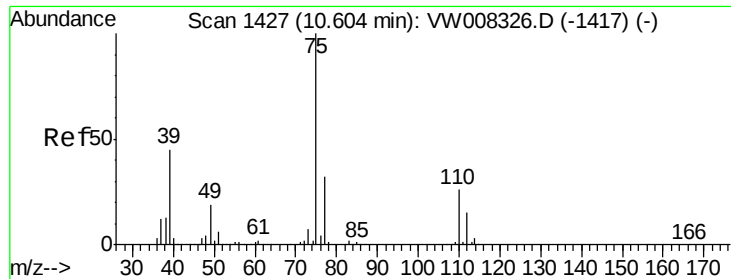
100000

50000

0

Time-->





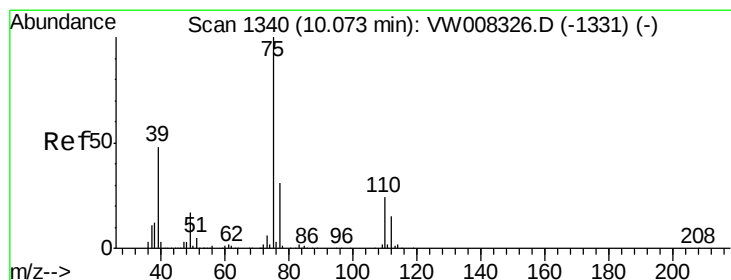
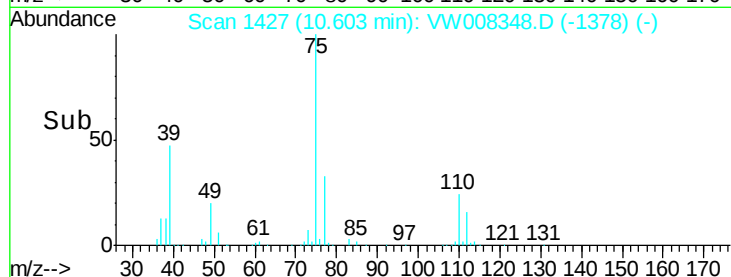
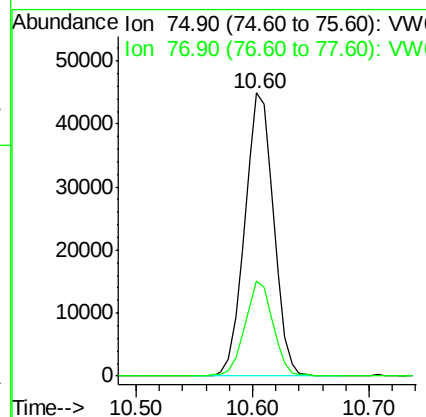
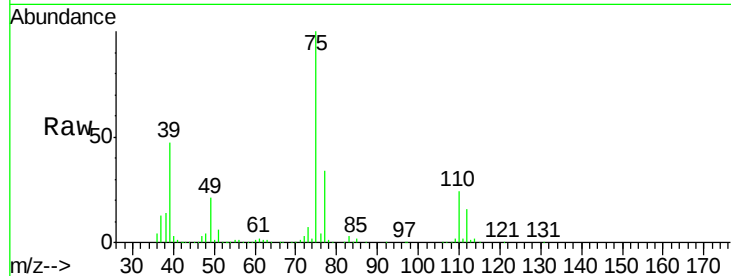
#53
 t-1,3-Dichloropropene
 Concen: 49.826 ug/l
 RT: 10.60 min Scan# 1427
 Delta R.T. -0.00 min
 Lab File: VW008348.D
 Acq: 18 Jan 2019 11:23

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion: 75 Resp: 77677
 Ion Ratio Lower Upper
 75 100
 77 33.4 25.8 38.8

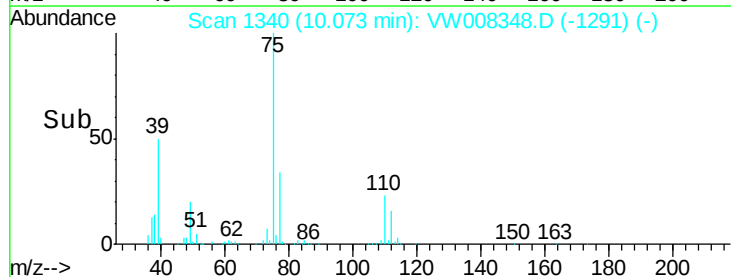
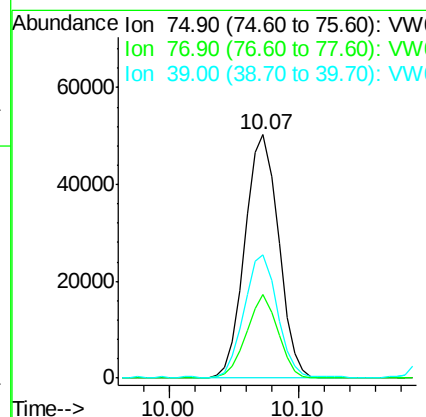
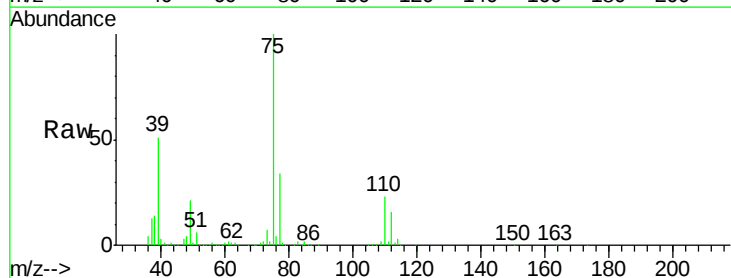
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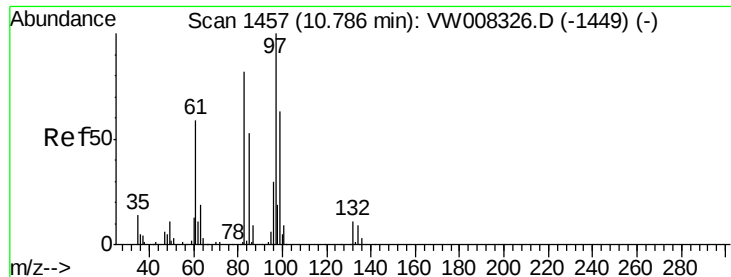
MMDadoda
 1/21/2019 11:09:35 AM



#54
 cis-1,3-Dichloropropene
 Concen: 49.512 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW008348.D
 Acq: 18 Jan 2019 11:23

Tgt Ion: 75 Resp: 90991
 Ion Ratio Lower Upper
 75 100
 77 34.2 24.4 36.6
 39 50.1 38.6 57.8





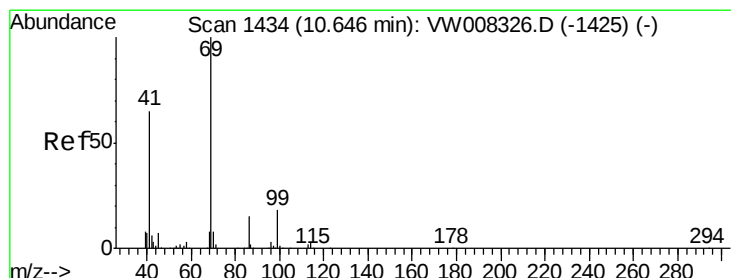
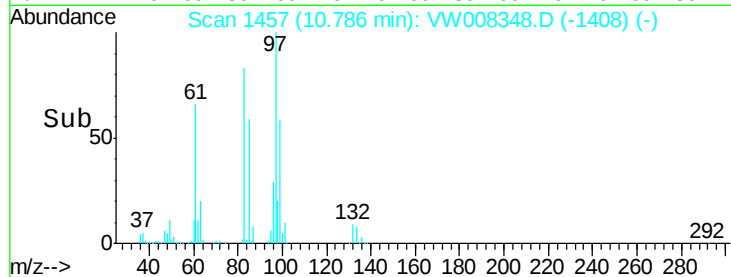
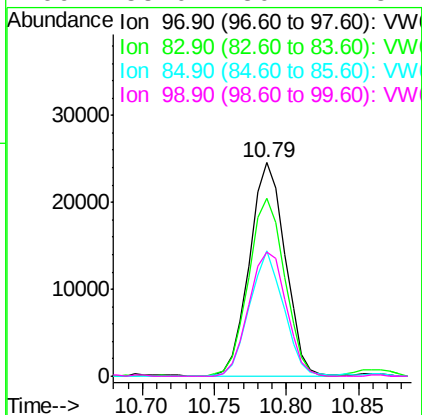
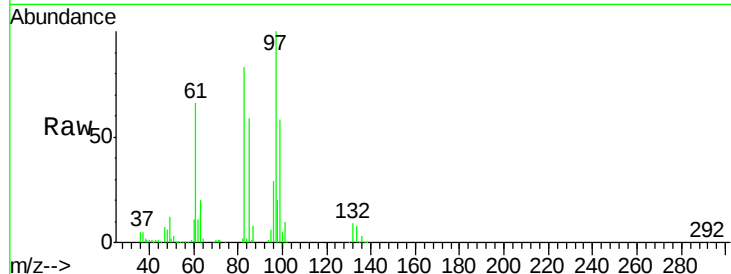
#55
 1,1,2-Trichloroethane
 Concen: 48.047 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW008348.D
 Acq: 18 Jan 2019 11:23

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	42200
Ion	Ratio	Lower	Upper
97	100		
83	82.9	65.3	97.9
85	58.9	42.6	64.0
99	58.0	50.2	75.2

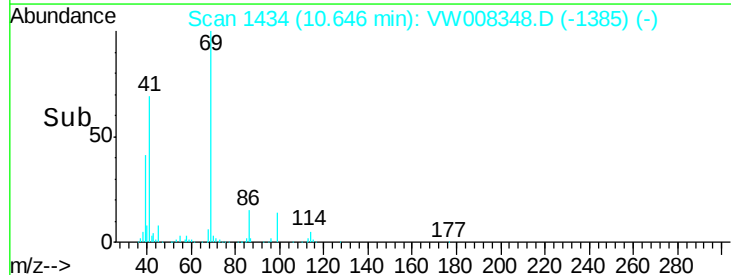
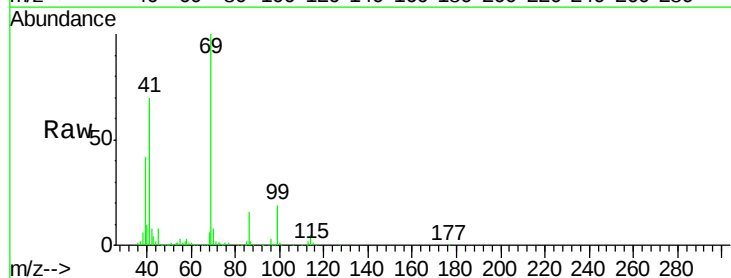
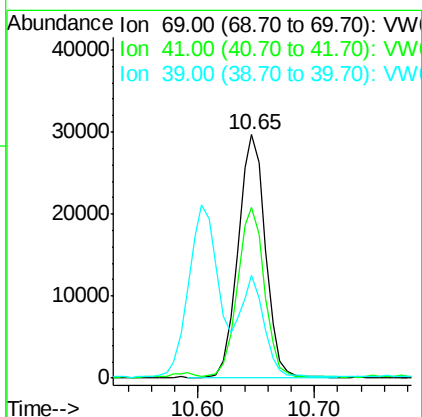
Manual Integrations
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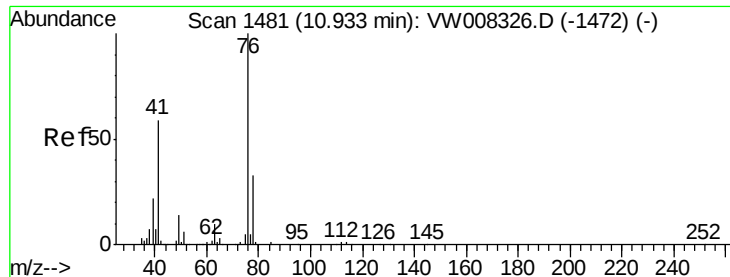
MMDadoda
 1/21/2019 11:09:35 AM



#56
 Ethyl methacrylate
 Concen: 47.124 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW008348.D
 Acq: 18 Jan 2019 11:23

Tgt Ion:	69	Resp:	48608
Ion	Ratio	Lower	Upper
69	100		
41	69.4	52.9	79.3
39	36.4	28.4	42.6





#57

1,3-Dichloropropane

Concen: 48.845 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. -0.00 min

Lab File: VW008348.D

Acq: 18 Jan 2019 11:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 74488

Ion Ratio Lower Upper

76 100

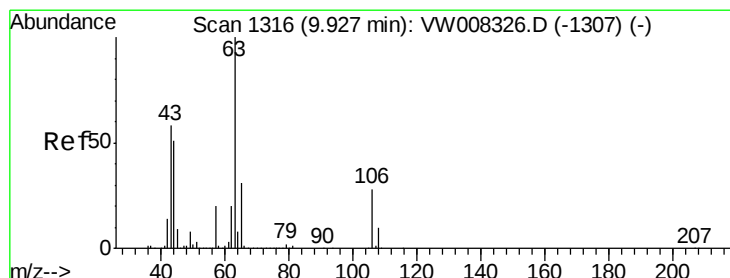
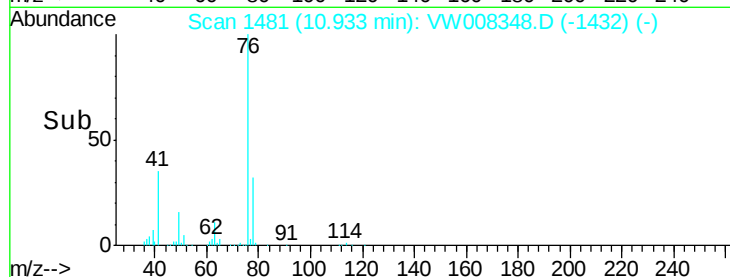
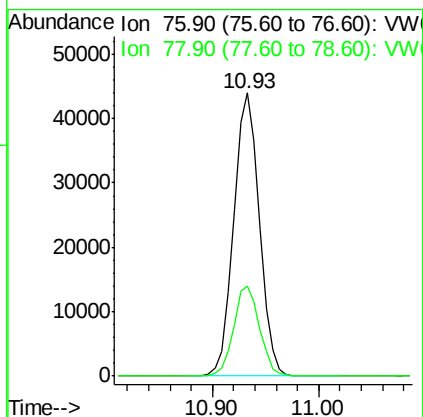
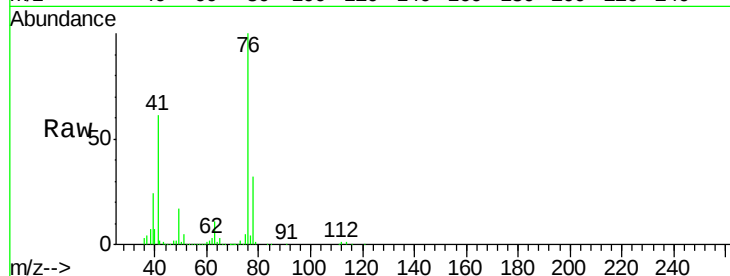
78 32.2 26.1 39.1

Manual Integrations

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MMDadoda

1/21/2019 11:09:35 AM



#58

2-Chloroethyl Vinyl ether

Concen: 249.480 ug/l

RT: 9.92 min Scan# 1315

Delta R.T. -0.01 min

Lab File: VW008348.D

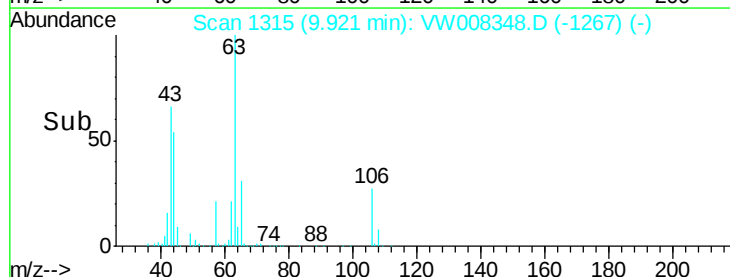
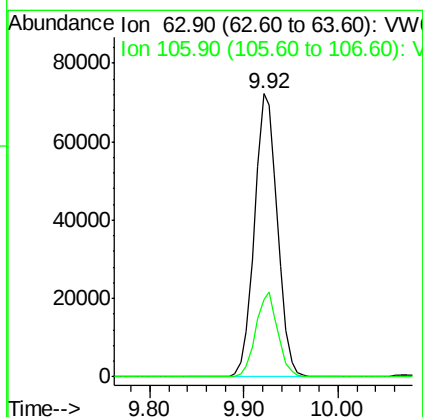
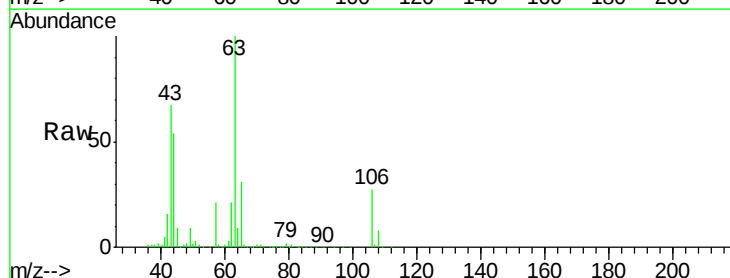
Acq: 18 Jan 2019 11:23

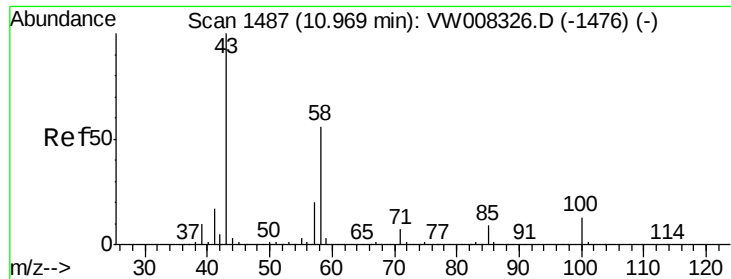
Tgt Ion: 63 Resp: 124127

Ion Ratio Lower Upper

63 100

106 28.7 22.9 34.3





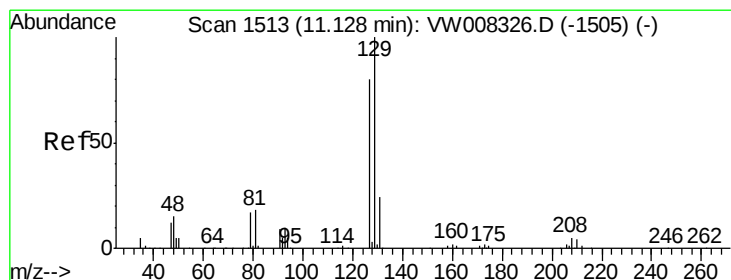
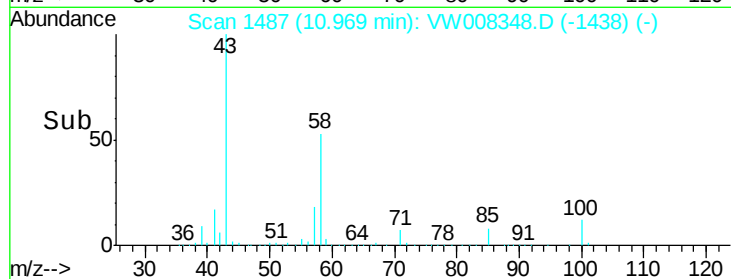
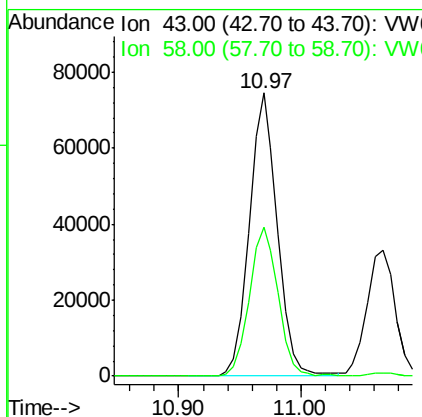
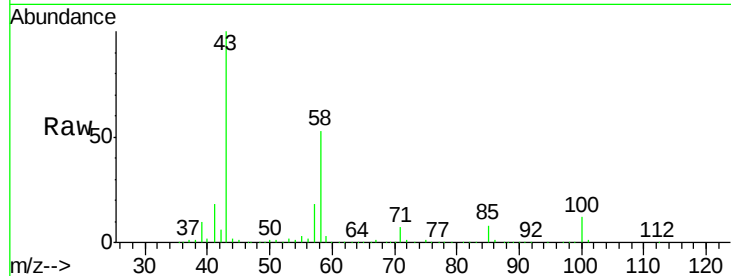
#59
2-Hexanone
Concen: 248.348 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW008348.D
Acq: 18 Jan 2019 11:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 118511
Ion Ratio Lower Upper
43 100
58 54.1 27.5 82.5

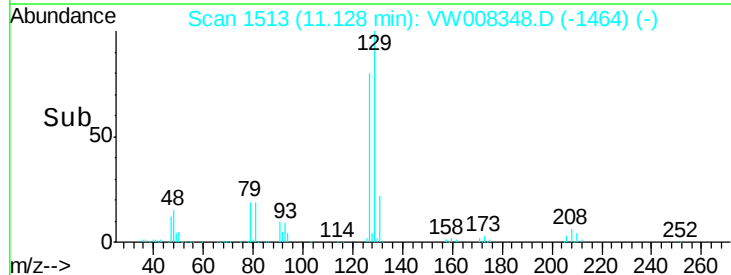
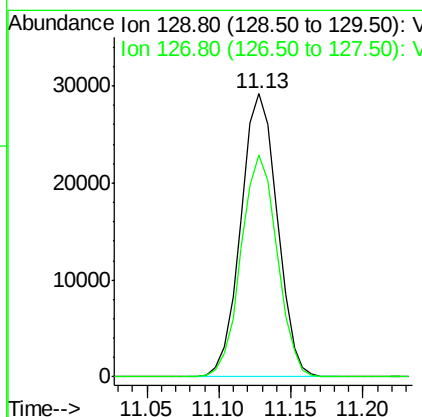
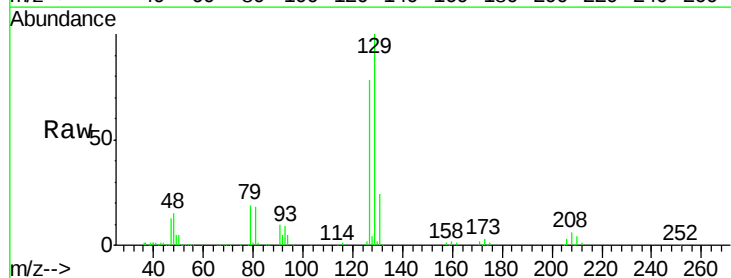
Manual Integrations
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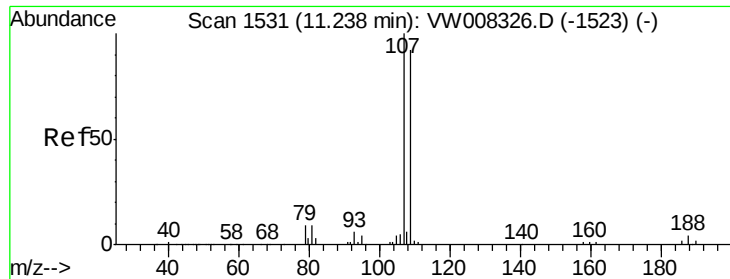
MMDadoda
1/21/2019 11:09:35 AM



#60
Dibromochloromethane
Concen: 48.831 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW008348.D
Acq: 18 Jan 2019 11:23

Tgt Ion: 129 Resp: 51186
Ion Ratio Lower Upper
129 100
127 77.5 39.1 117.2





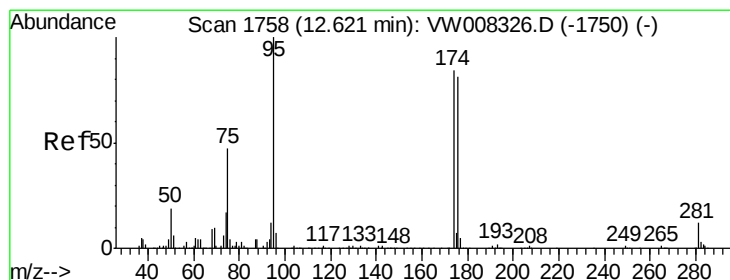
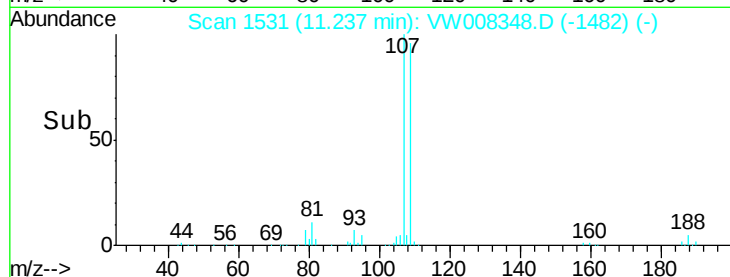
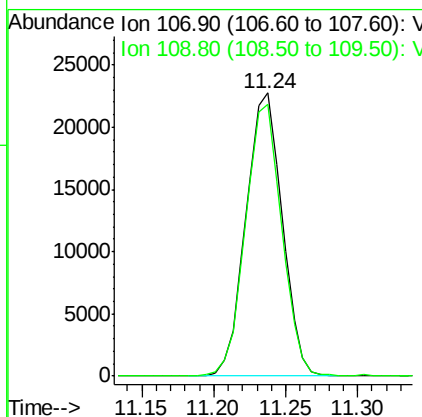
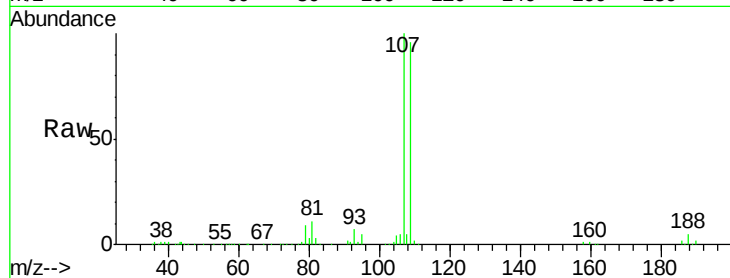
#61
 1,2-Dibromoethane
 Concen: 46.627 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW008348.D
 Acq: 18 Jan 2019 11:23

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	96.0	74.0	111.0

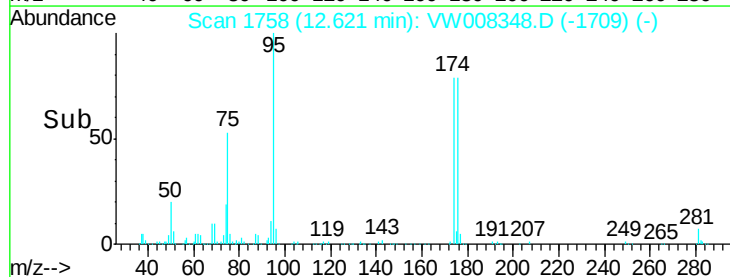
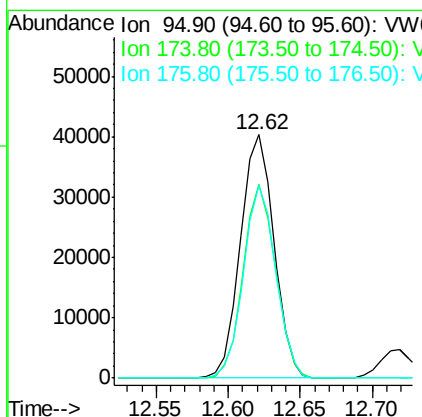
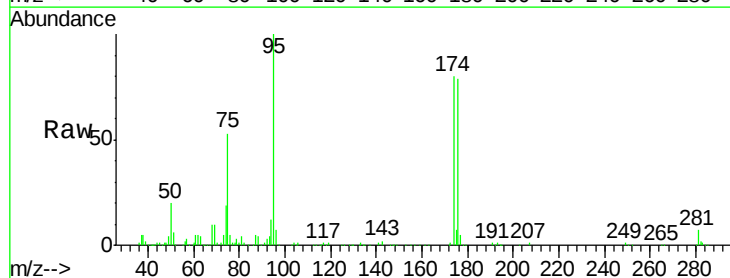
Manual Integrations
 APPROVED

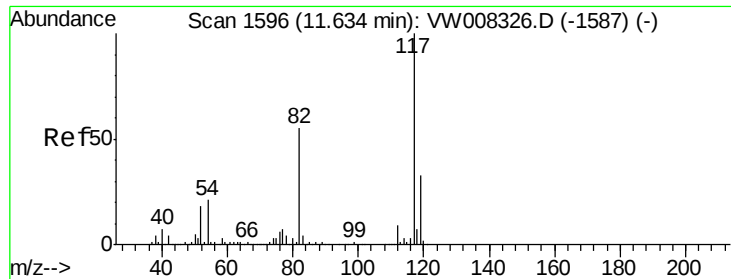
MMDadoda
 1/21/2019 11:09:35 AM



#62
 4-Bromofluorobenzene
 Concen: 42.337 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW008348.D
 Acq: 18 Jan 2019 11:23

Tgt Ion	Ratio	Lower	Upper
95	100		
174	76.4	0.0	166.0
176	75.7	0.0	160.0





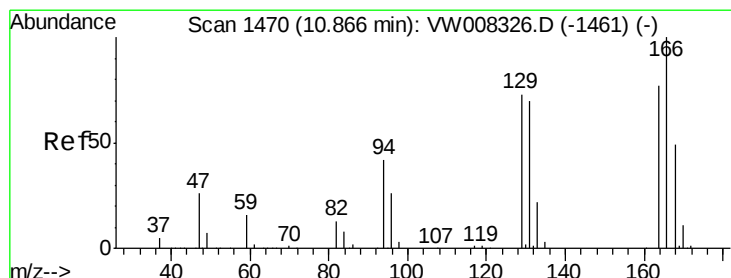
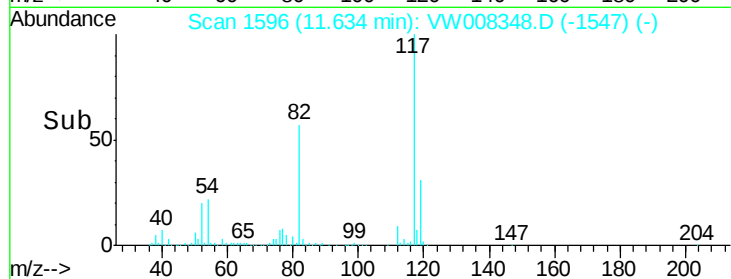
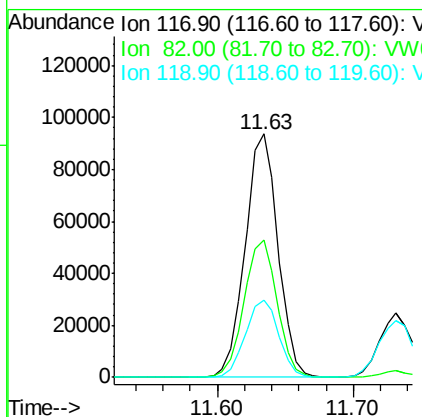
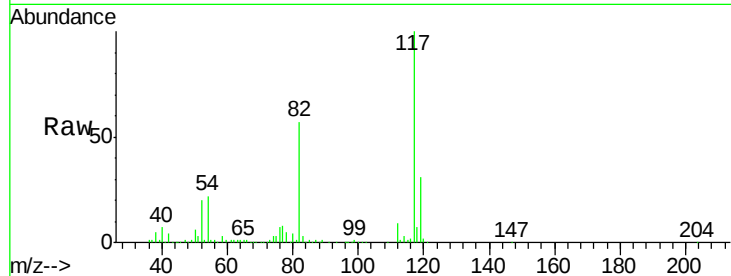
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008348.D
Acq: 18 Jan 2019 11:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	158104		
82	56.6	44.3	66.5	
119	31.5	26.3	39.5	

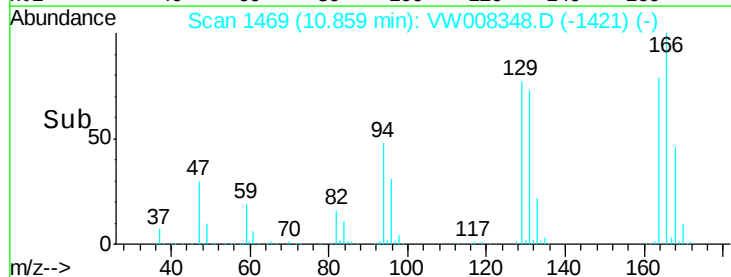
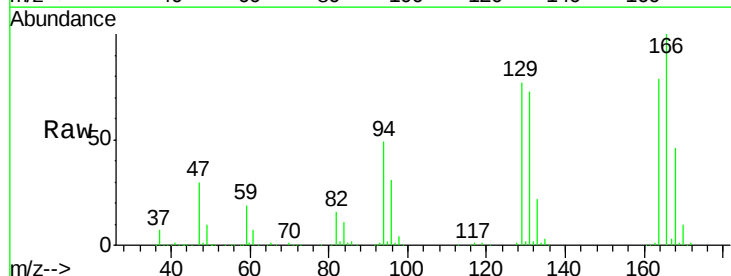
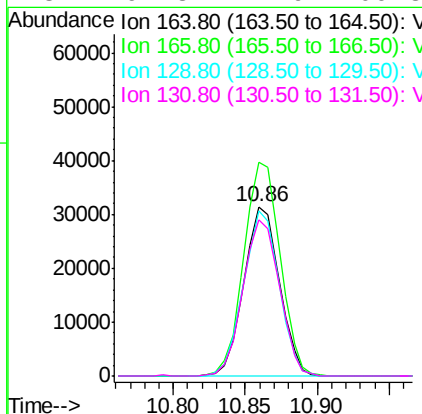
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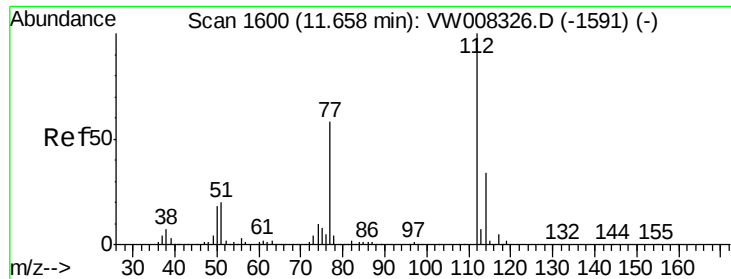
MMDadoda
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#64
Tetrachloroethene
Concen: 48.289 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VW008348.D
Acq: 18 Jan 2019 11:23

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	53533		
166	126.4	103.4	155.2	
129	97.3	75.0	112.6	
131	92.3	72.9	109.3	





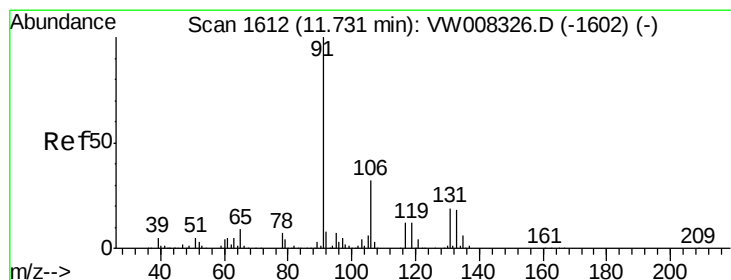
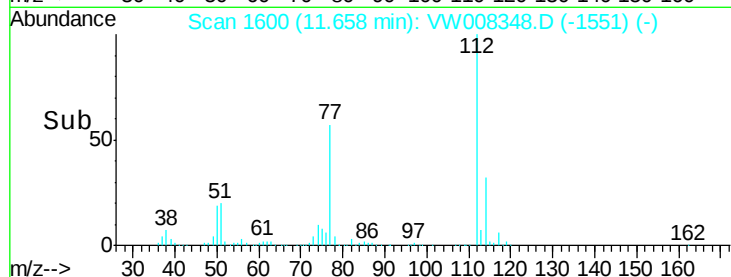
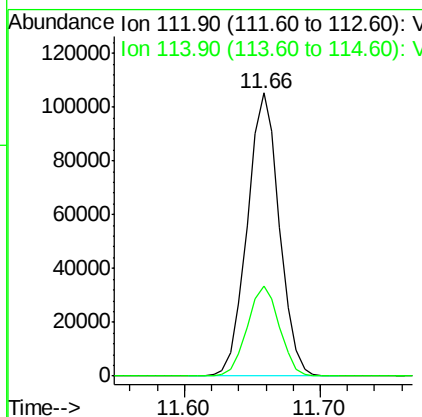
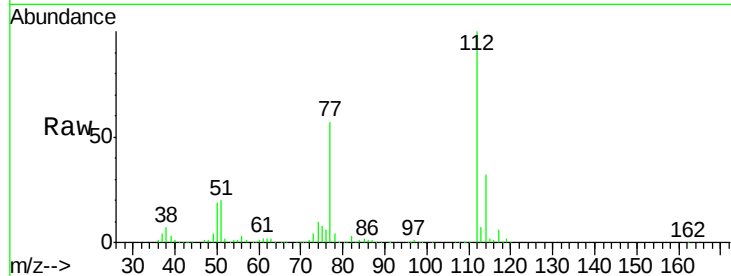
#65
Chlorobenzene
Concen: 50.321 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW008348.D
Acq: 18 Jan 2019 11:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 173536
Ion Ratio Lower Upper
112 100
114 31.9 26.9 40.3

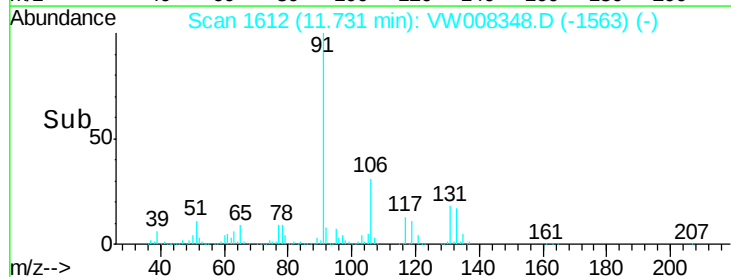
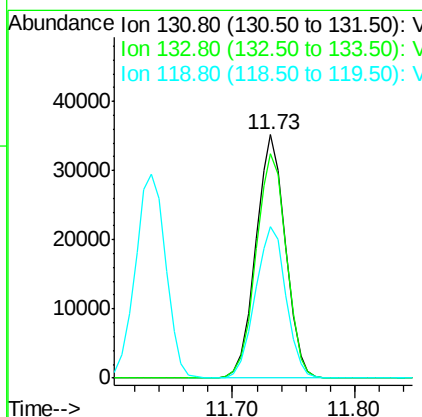
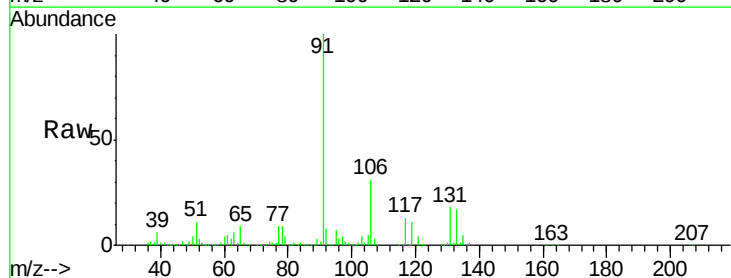
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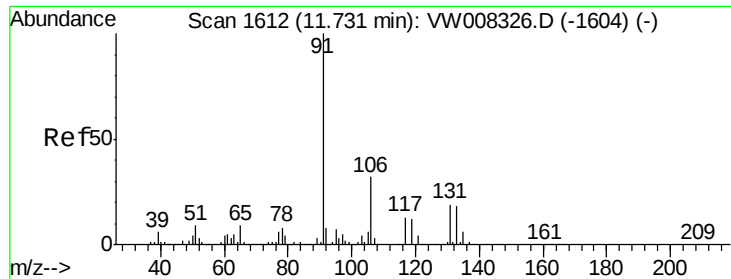
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 49.928 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW008348.D
Acq: 18 Jan 2019 11:23

Tgt Ion:131 Resp: 59261
Ion Ratio Lower Upper
131 100
133 94.3 48.2 144.6
119 64.6 31.6 94.7





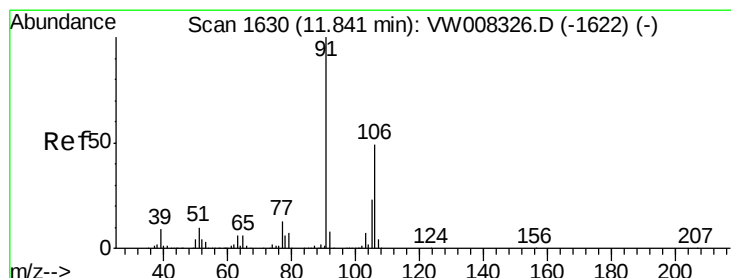
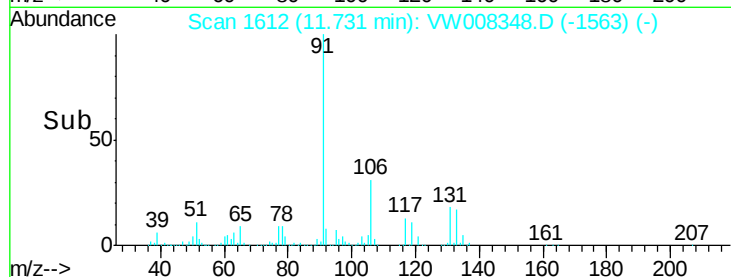
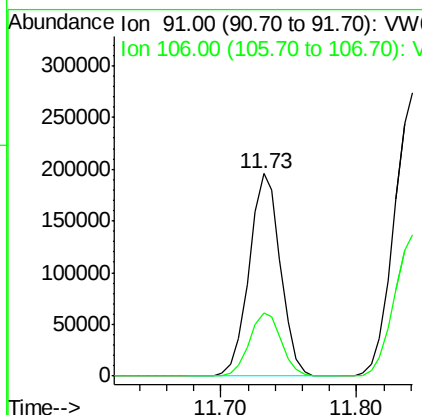
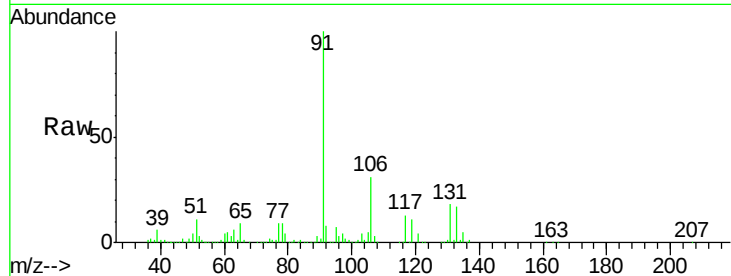
#67
Ethyl Benzene
Concen: 52.539 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW008348.D
Acq: 18 Jan 2019 11:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
106	31.2	25.4	38.2

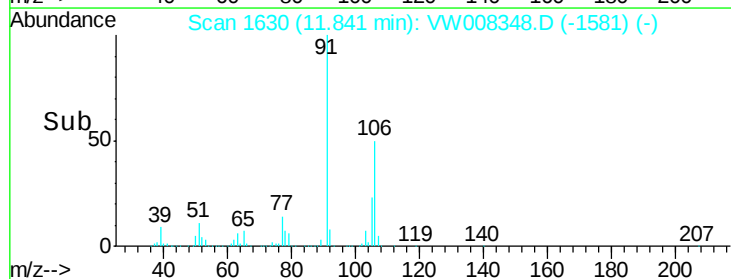
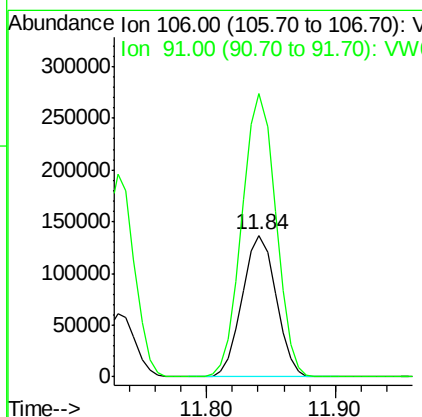
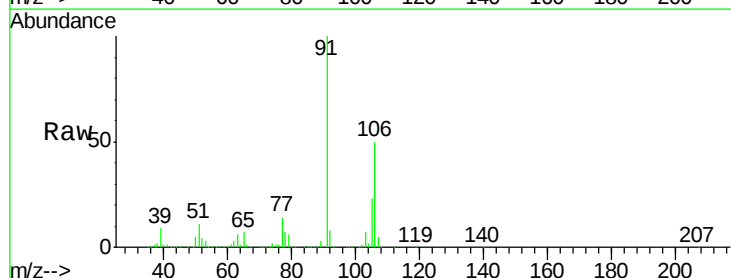
Manual Integrations
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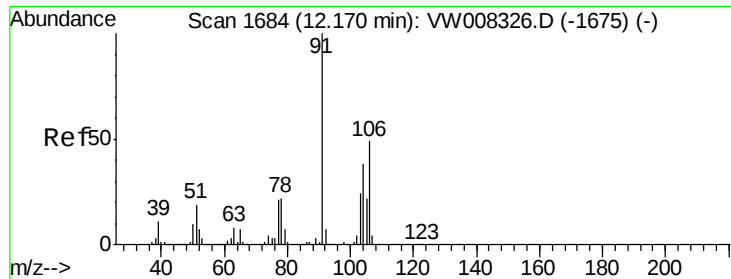
MMDadoda
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#68
m/p-Xylenes
Concen: 106.955 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW008348.D
Acq: 18 Jan 2019 11:23

Tgt Ion	Ratio	Lower	Upper
106	100		
91	200.2	158.4	237.6





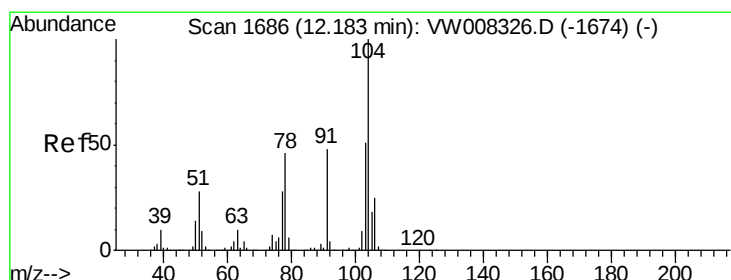
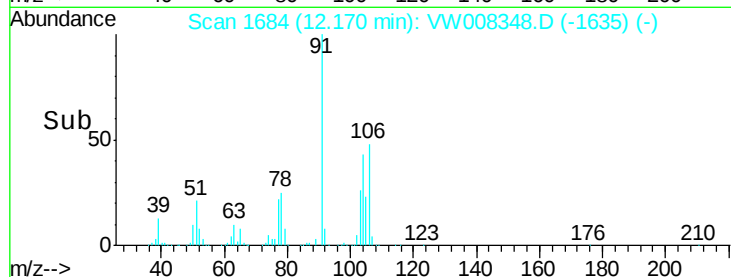
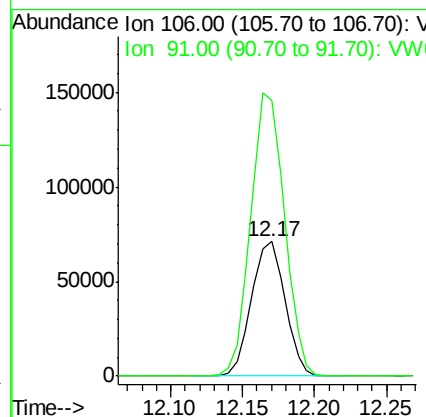
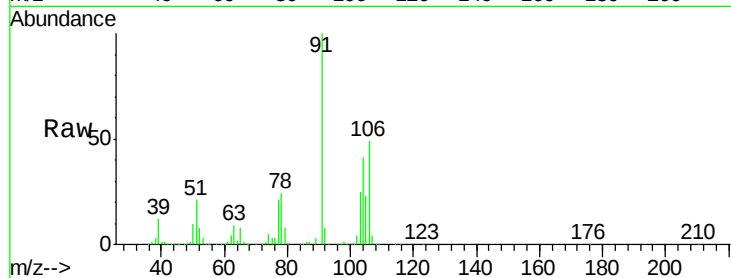
#69
o-Xylene
Concen: 52.917 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW008348.D
Acq: 18 Jan 2019 11:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 114903
Ion Ratio Lower Upper
106 100
91 211.3 104.1 312.3

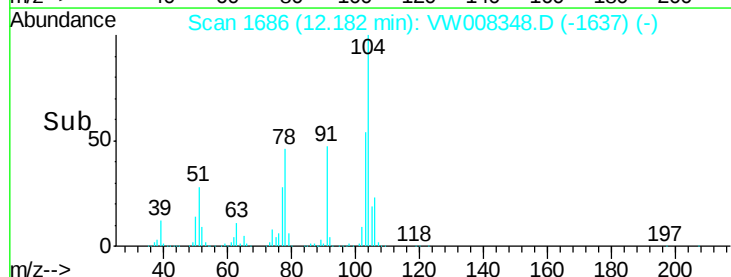
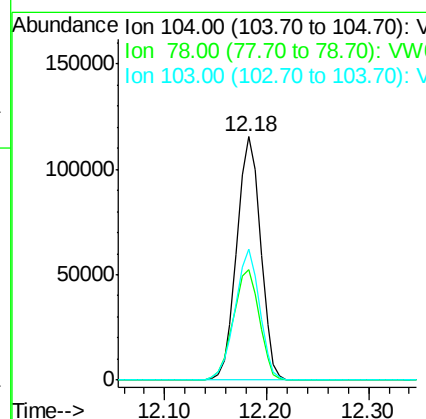
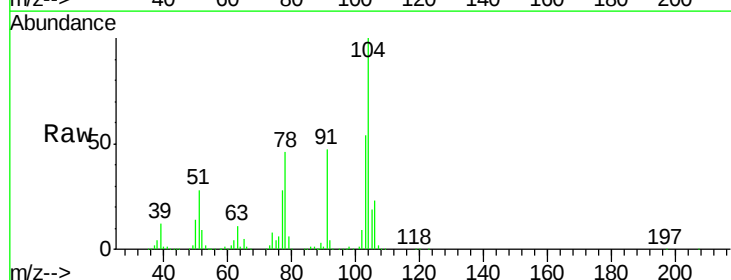
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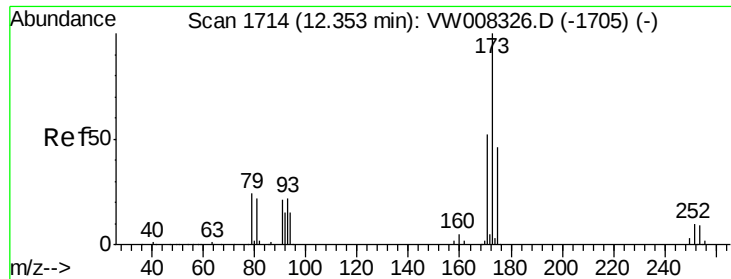
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#70
Styrene
Concen: 53.331 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW008348.D
Acq: 18 Jan 2019 11:23

Tgt Ion:104 Resp: 186009
Ion Ratio Lower Upper
104 100
78 50.0 39.8 59.6
103 55.8 44.0 66.0





#71

Bromoform

Concen: 45.103 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW008348.D

Acq: 18 Jan 2019 11:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 26668

Ion Ratio Lower Upper

173 100

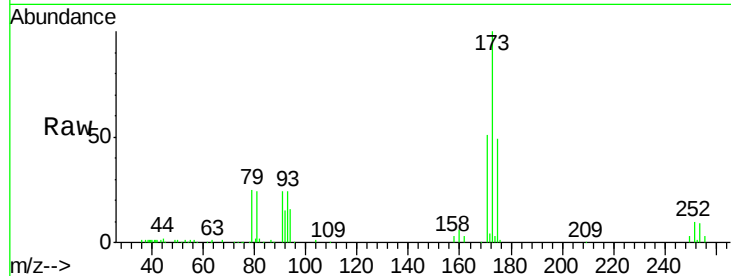
175 50.2 23.6 70.8

254 0.1 0.2 0.2#

Manual Integrations
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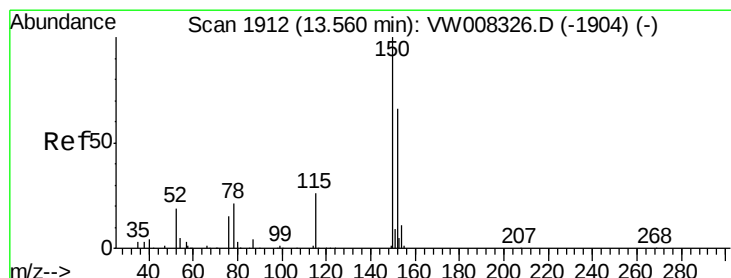
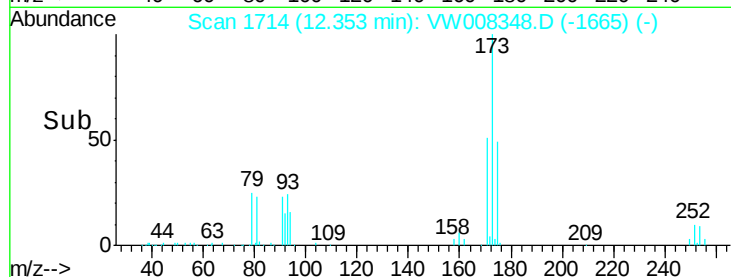
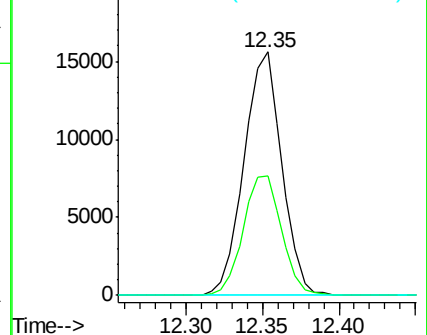
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW008348.D

Acq: 18 Jan 2019 11:23

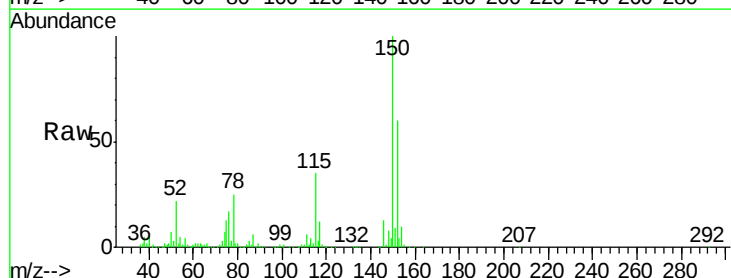
Tgt Ion:152 Resp: 77783

Ion Ratio Lower Upper

152 100

115 59.5 28.8 86.4

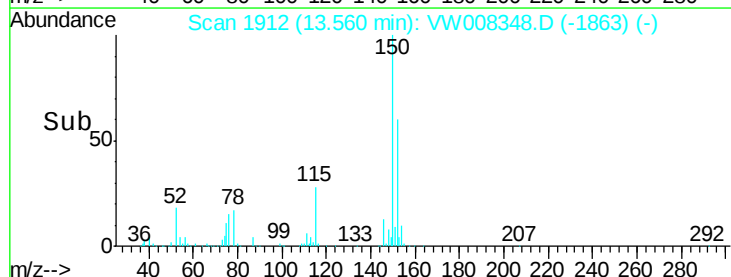
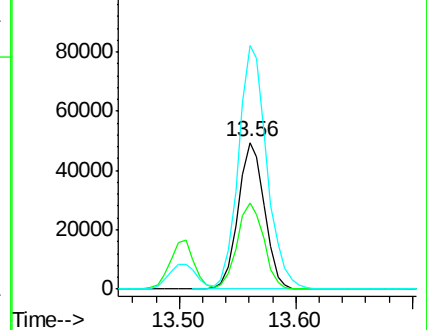
150 178.8 0.0 351.4

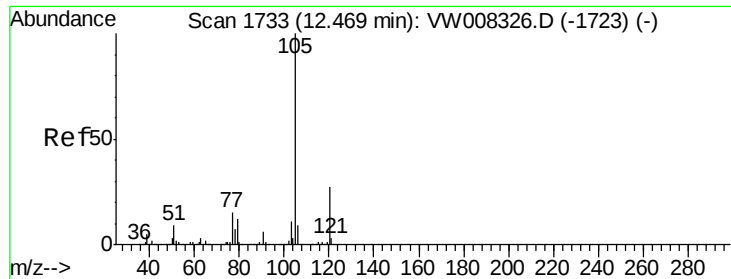


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





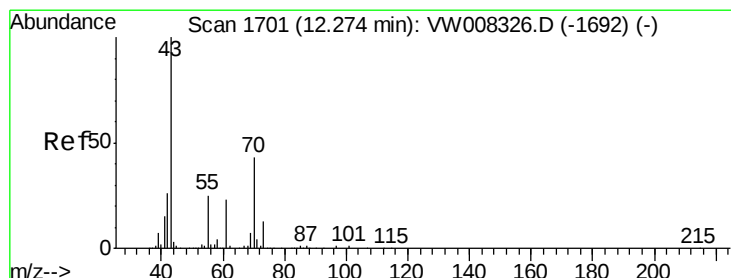
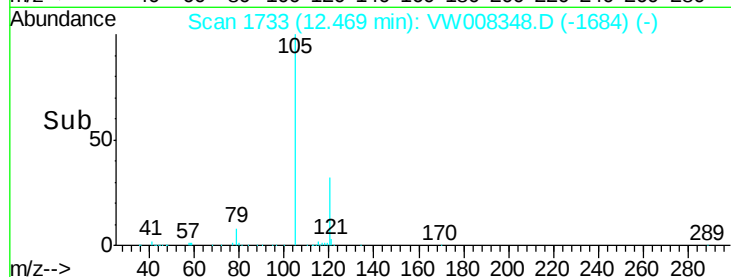
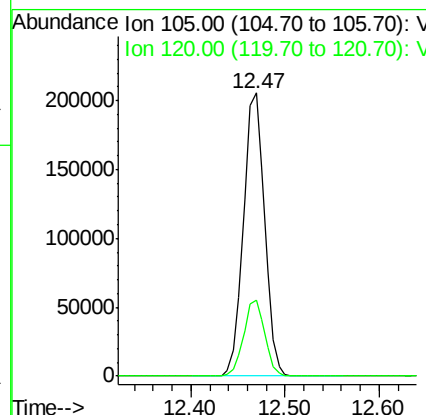
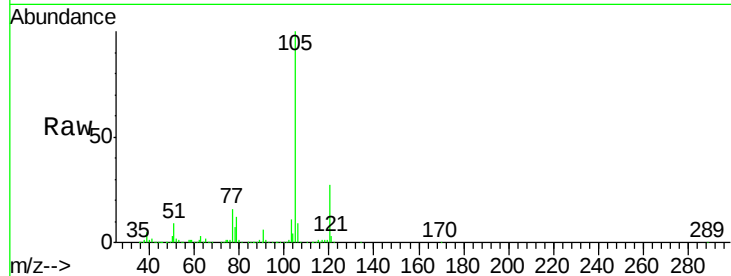
#73
Isopropylbenzene
Concen: 56.388 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VW008348.D
Acq: 18 Jan 2019 11:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.7	13.6	40.8

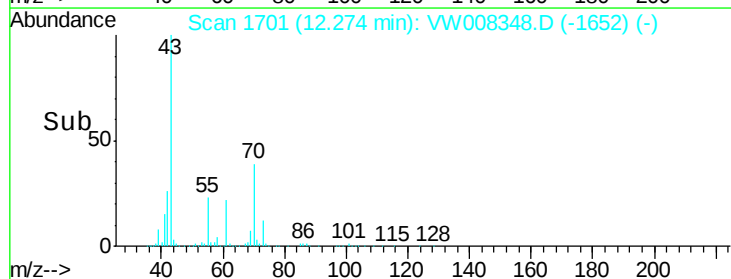
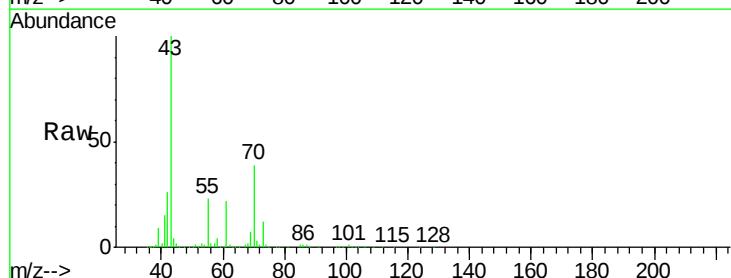
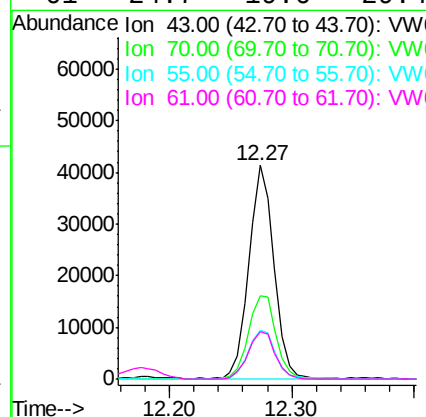
Manual Integrations
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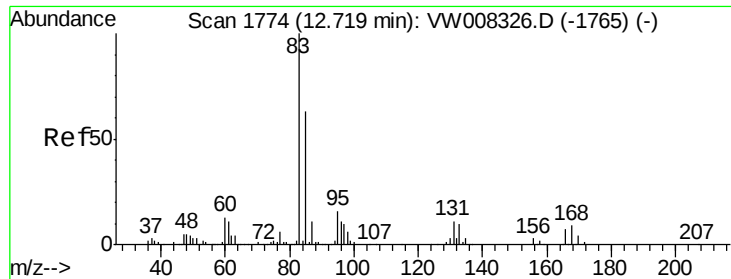
MMDadoda
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#74
N-ethyl acetate
Concen: 48.270 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. -0.00 min
Lab File: VW008348.D
Acq: 18 Jan 2019 11:23

Tgt Ion	Ratio	Lower	Upper
43	100		
70	43.5	34.6	52.0
55	25.7	20.0	30.0
61	24.7	19.6	29.4





#75

1,1,2,2-Tetrachloroethane

Concen: 47.807 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW008348.D

Acq: 18 Jan 2019 11:23

Instrument :

MSVOA_W

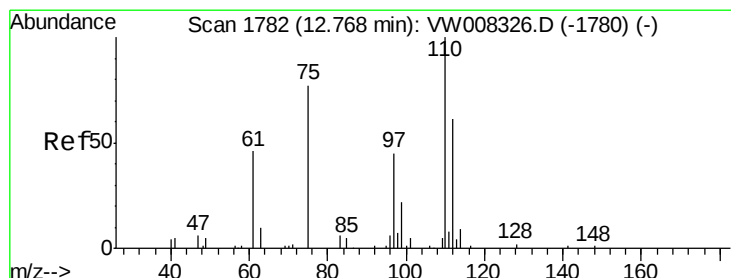
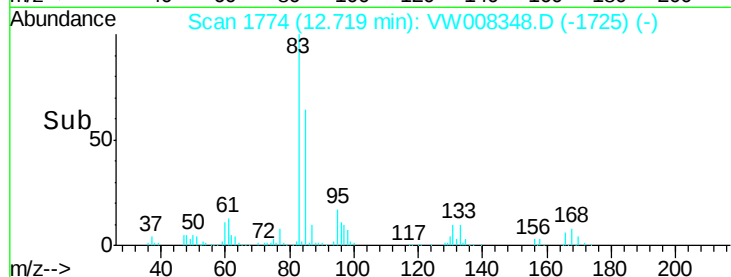
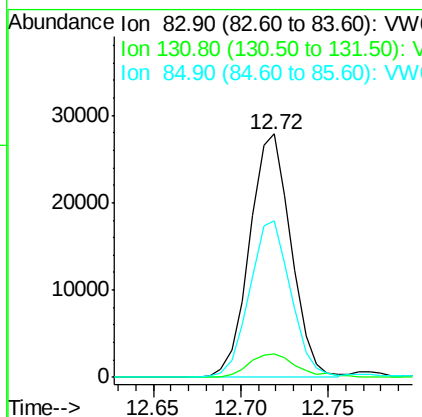
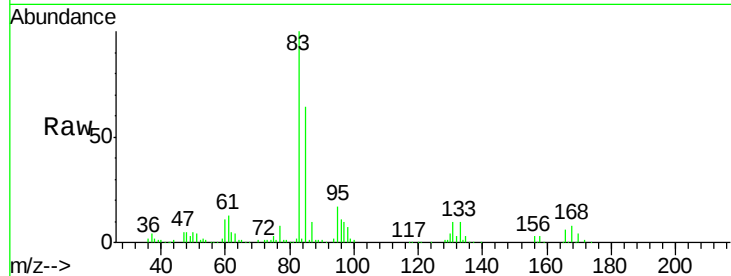
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	46086
Ion Ratio	Lower	Upper	
83	100		
131	11.3	5.5	16.5
85	64.4	31.6	94.7

Manual Integrations
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1/21/2019 11:09:35 AM



#76

1,2,3-Trichloropropane

Concen: 47.315 ug/l m

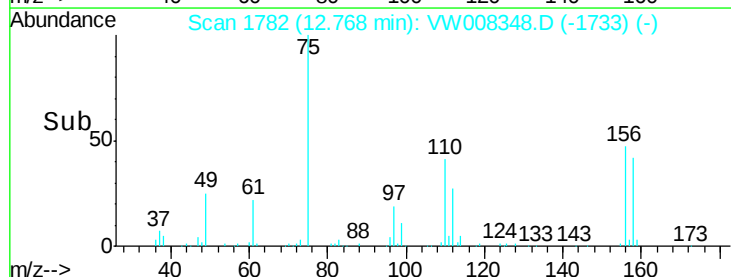
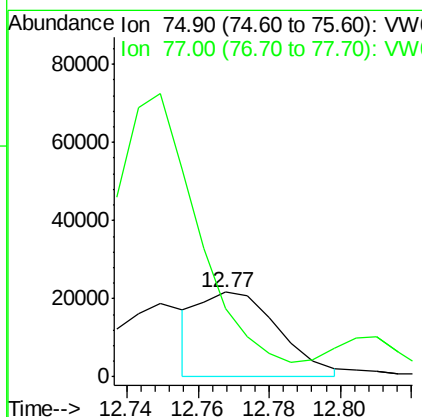
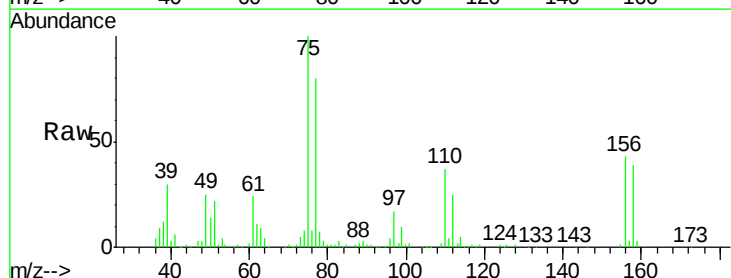
RT: 12.77 min Scan# 1782

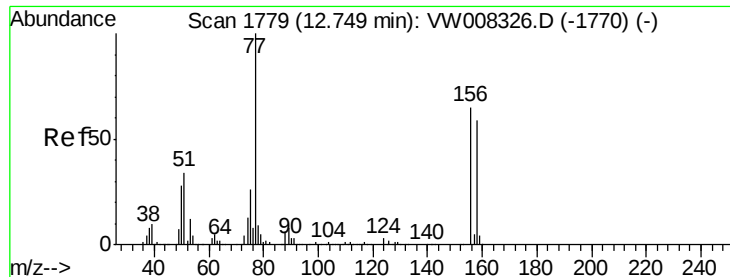
Delta R.T. -0.00 min

Lab File: VW008348.D

Acq: 18 Jan 2019 11:23

Tgt Ion:	75	Resp:	33515
Ion Ratio	Lower	Upper	
75	100		
77	377.8	175.3	526.1





#77

Bromobenzene

Concen: 49.614 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW008348.D

Acq: 18 Jan 2019 11:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:156 Resp: 67541

Ion Ratio Lower Upper

156 100

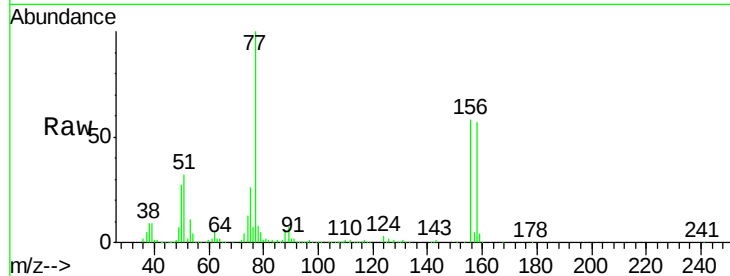
77 187.5 88.3 264.9

158 96.2 47.6 142.8

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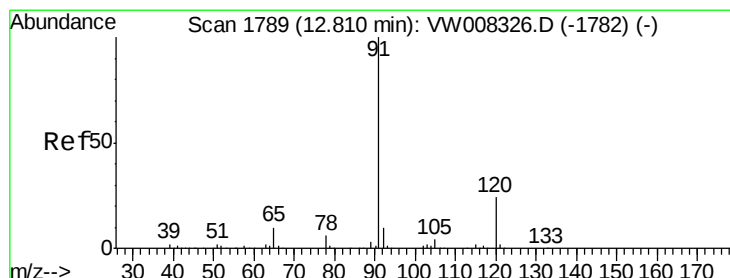
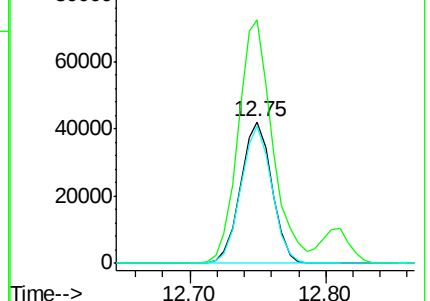
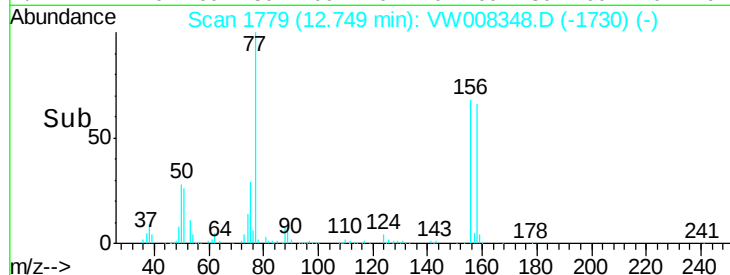


Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V

Time-->



#78

n-propylbenzene

Concen: 56.539 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VW008348.D

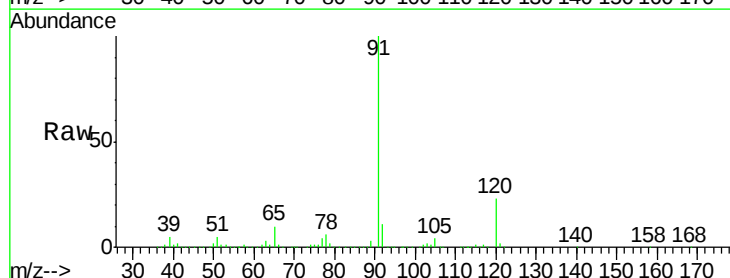
Acq: 18 Jan 2019 11:23

Tgt Ion: 91 Resp: 387848

Ion Ratio Lower Upper

91 100

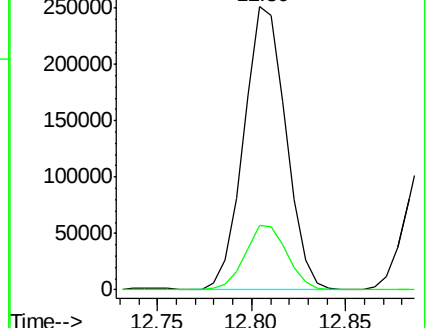
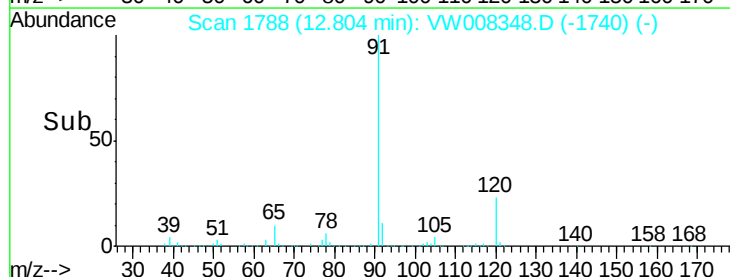
120 22.8 11.9 35.7

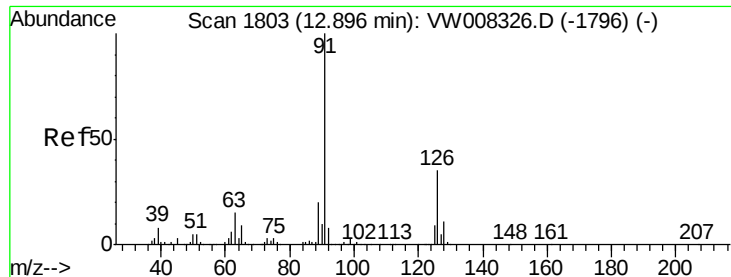


Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

Time-->





#79

2-Chlorotoluene

Concen: 54.393 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW008348.D

Acq: 18 Jan 2019 11:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 213187

Ion Ratio Lower Upper

91 100

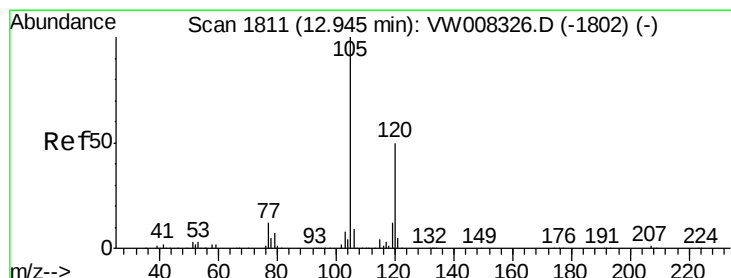
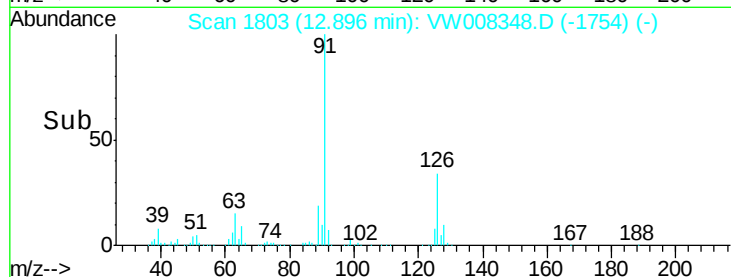
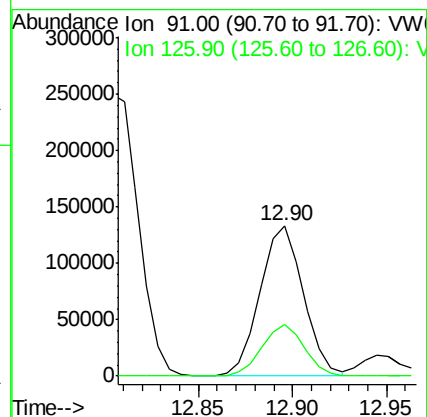
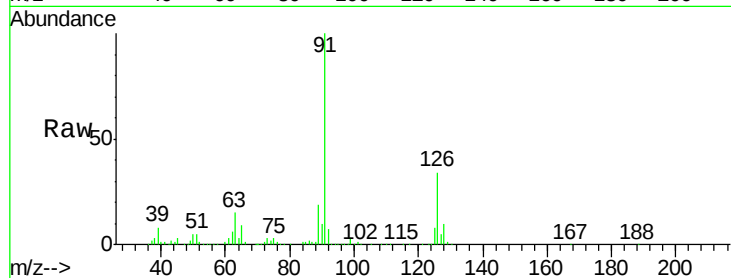
126 33.6 17.5 52.6

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#80

1,3,5-Trimethylbenzene

Concen: 55.674 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW008348.D

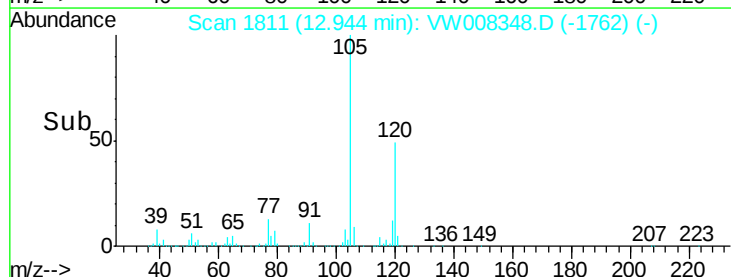
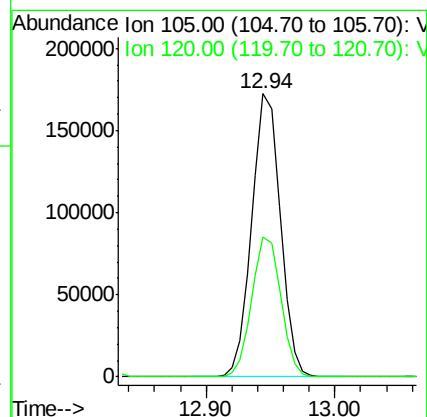
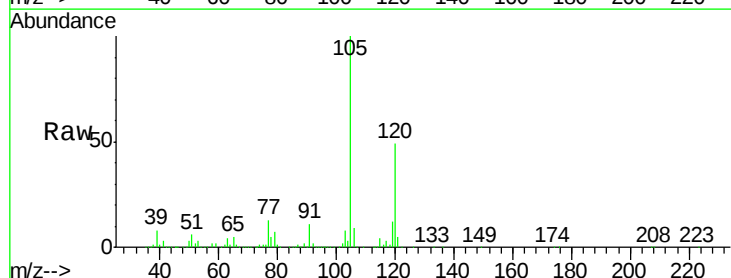
Acq: 18 Jan 2019 11:23

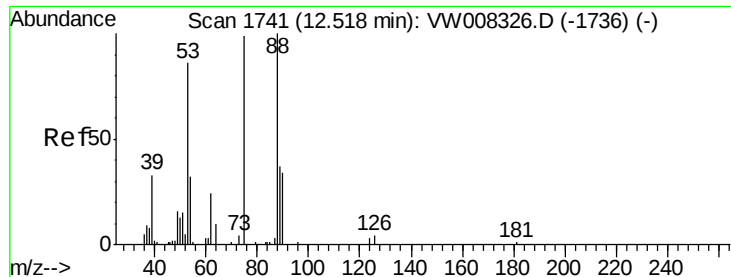
Tgt Ion:105 Resp: 263301

Ion Ratio Lower Upper

105 100

120 50.3 25.6 76.8





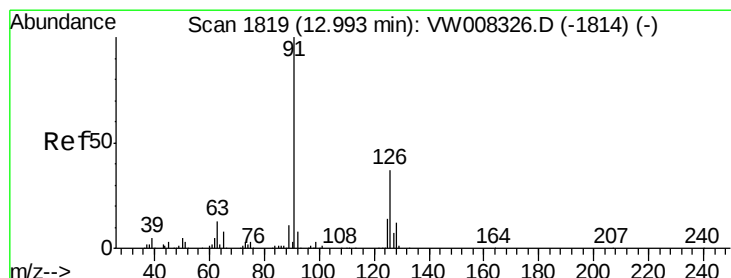
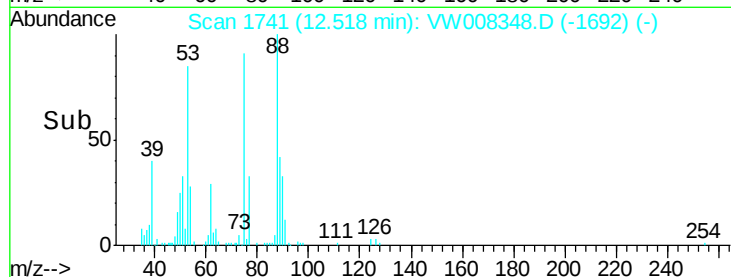
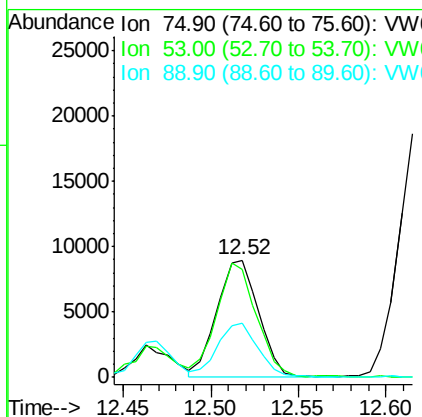
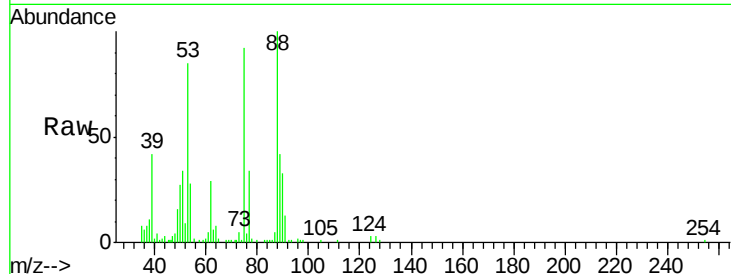
#81
trans-1,4-Dichloro-2-butene
Concen: 49.266 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW008348.D
Acq: 18 Jan 2019 11:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	93.9	76.2	114.4
89	46.0	36.7	55.1

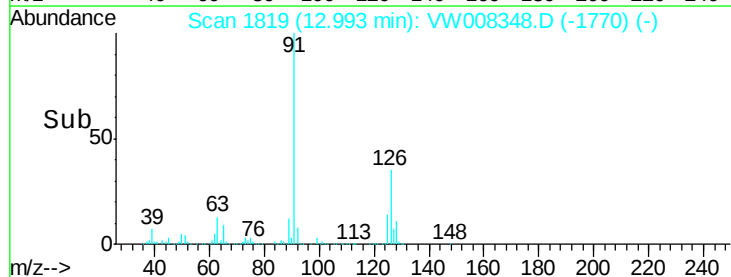
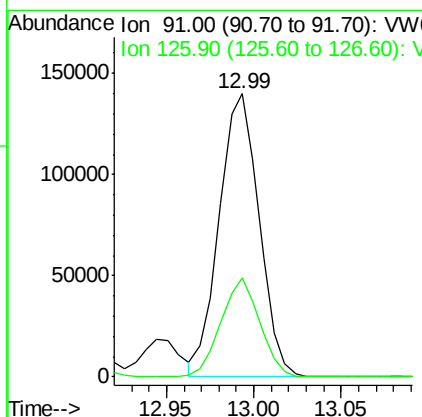
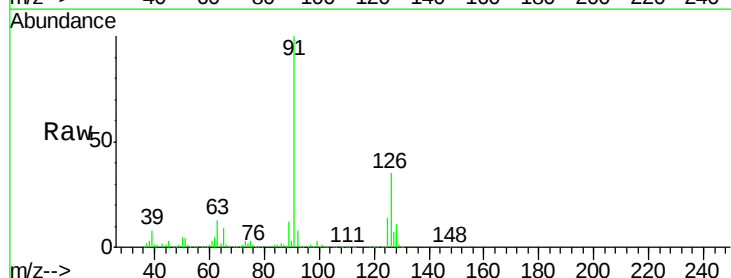
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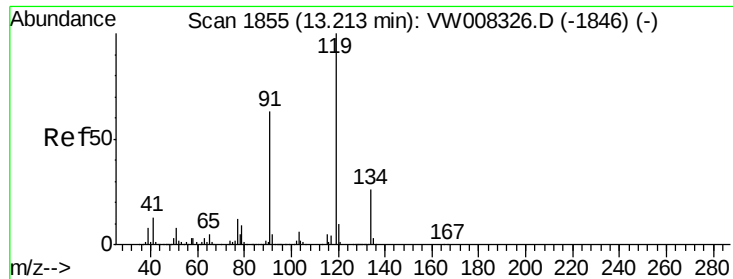
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#82
4-Chlorotoluene
Concen: 54.097 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW008348.D
Acq: 18 Jan 2019 11:23

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.2	17.8	53.3





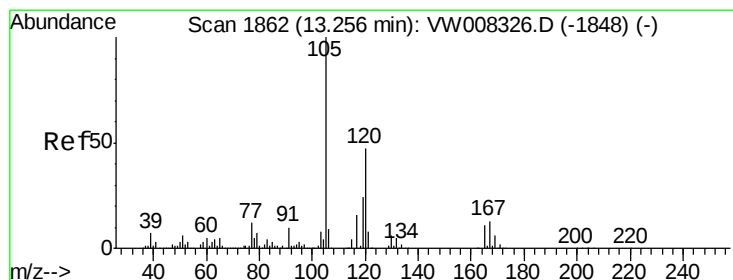
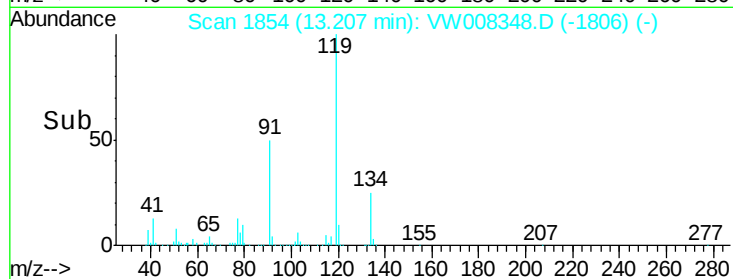
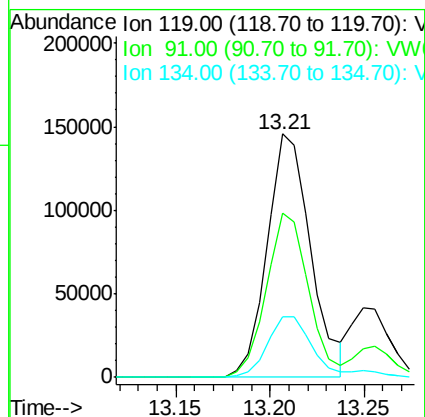
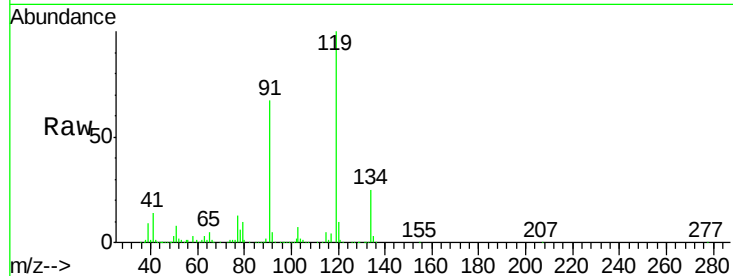
#83
 tert-Butylbenzene
 Concen: 55.997 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: VW008348.D
 Acq: 18 Jan 2019 11:23

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	233091		
91	65.2	32.4	97.0	
134	27.1	13.9	41.7	

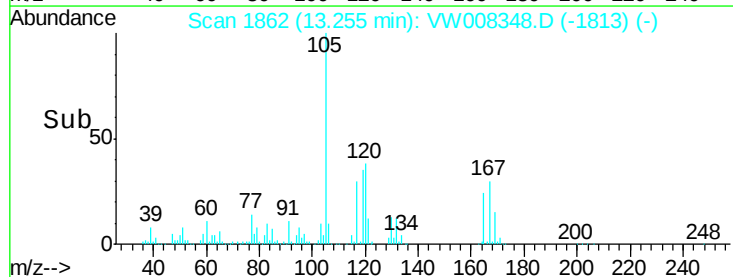
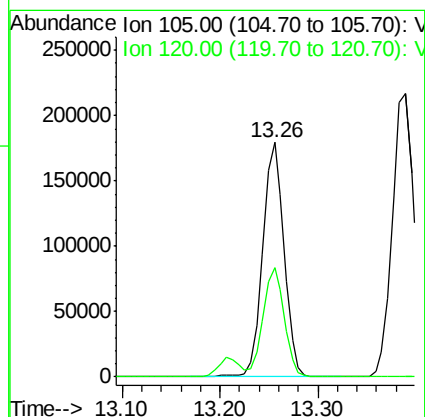
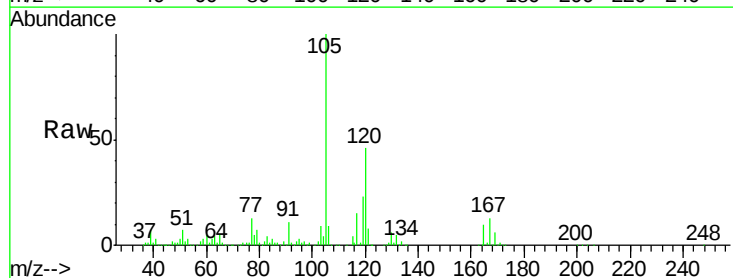
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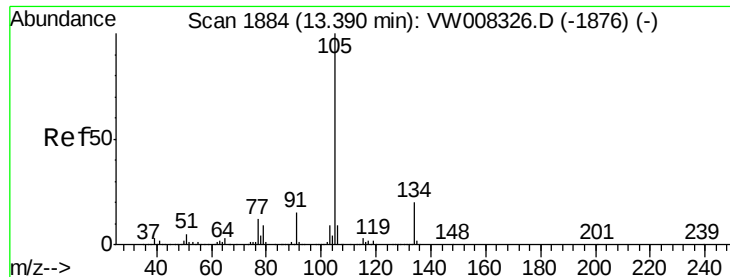
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#84
 1,2,4-Trimethylbenzene
 Concen: 56.103 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW008348.D
 Acq: 18 Jan 2019 11:23

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	270295		
120	46.4	23.5	70.6	





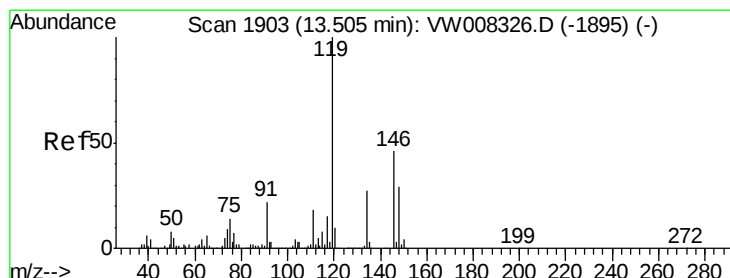
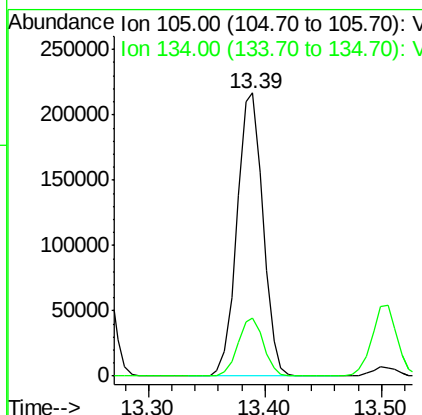
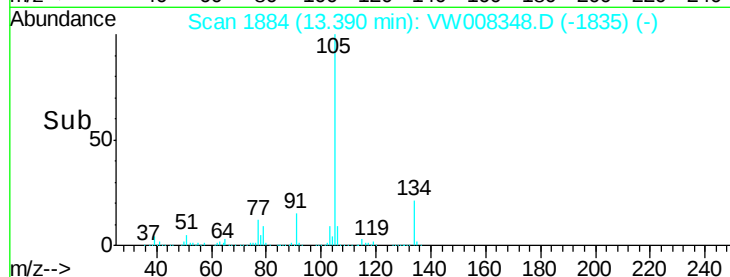
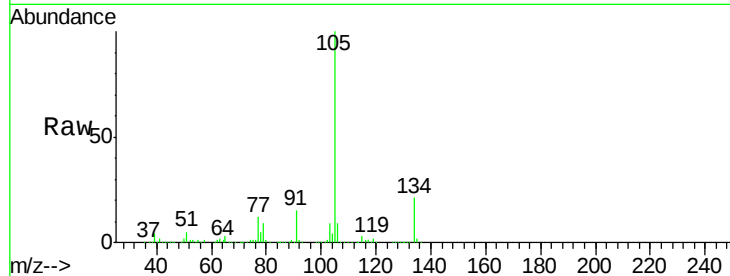
#85
 sec-Butylbenzene
 Concen: 56.430 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW008348.D
 Acq: 18 Jan 2019 11:23

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.2	10.1	30.3

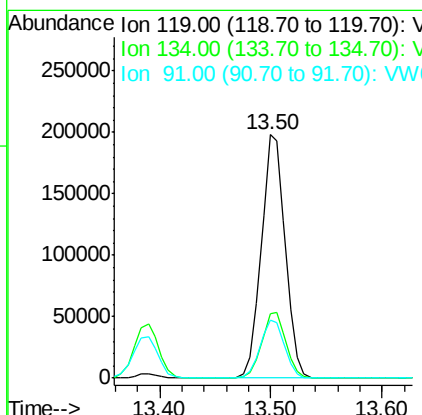
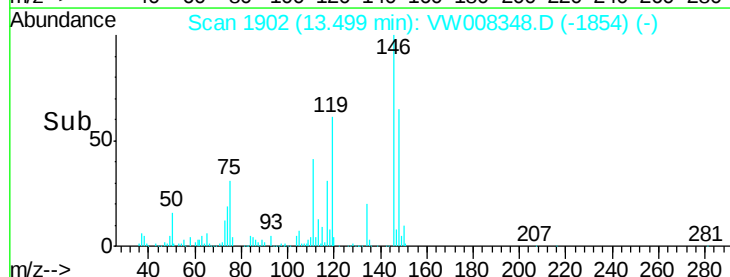
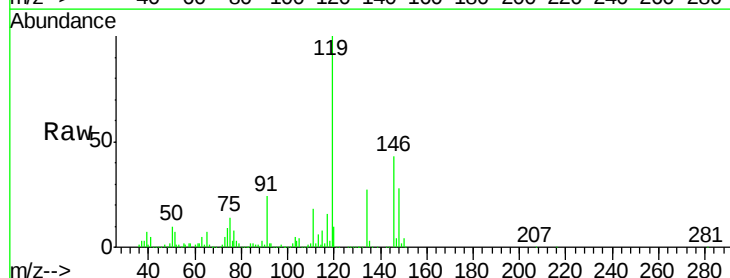
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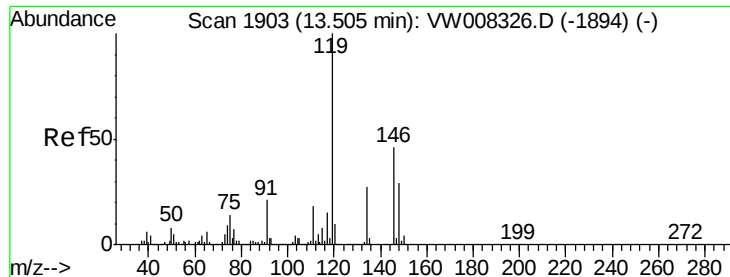
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#86
 p-Isopropyltoluene
 Concen: 56.984 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: VW008348.D
 Acq: 18 Jan 2019 11:23

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.2	13.7	41.0
91	24.1	11.4	34.2





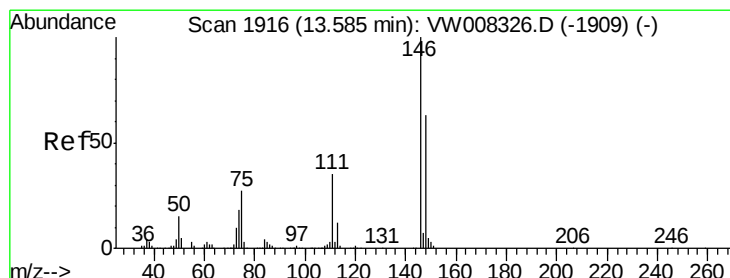
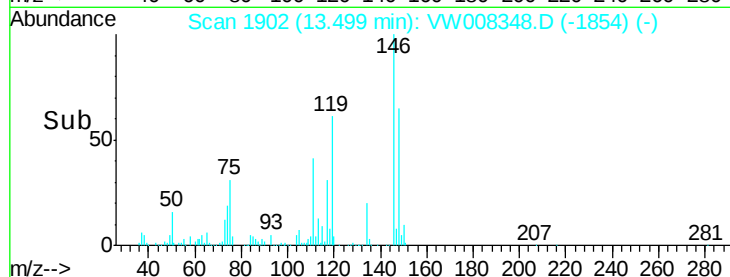
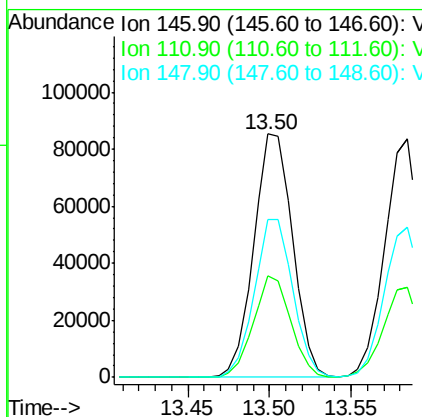
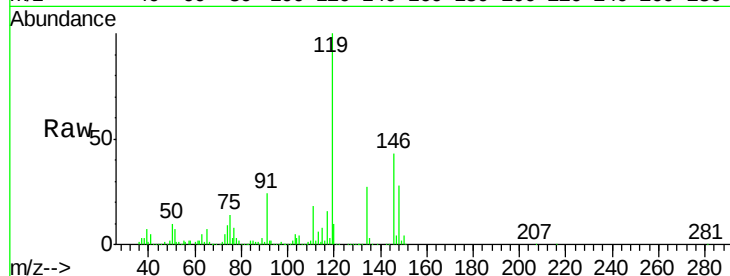
#87
 1,3-Dichlorobenzene
 Concen: 52.091 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: VW008348.D
 Acq: 18 Jan 2019 11:23

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	140896		
111	40.2		19.9	59.7
148	64.3		31.4	94.3

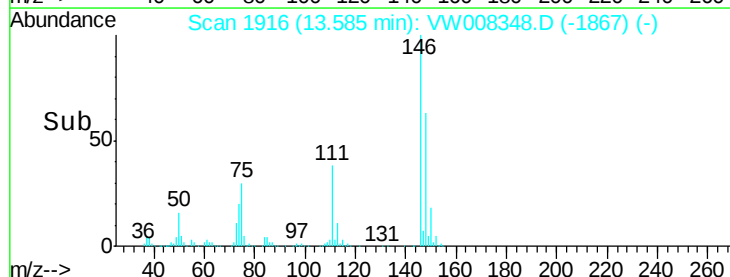
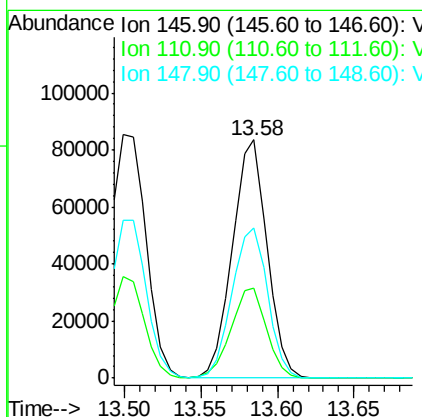
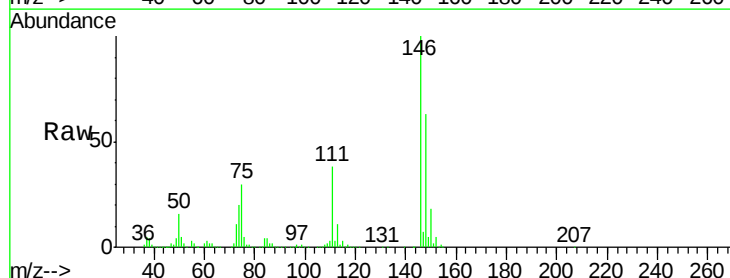
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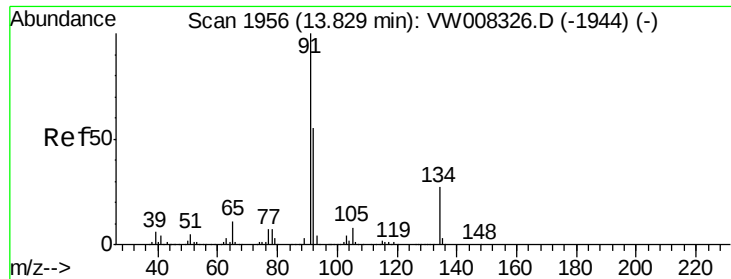
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#88
 1,4-Dichlorobenzene
 Concen: 48.467 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW008348.D
 Acq: 18 Jan 2019 11:23

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	131337		
111	38.9		18.9	56.5
148	64.5		31.6	94.8





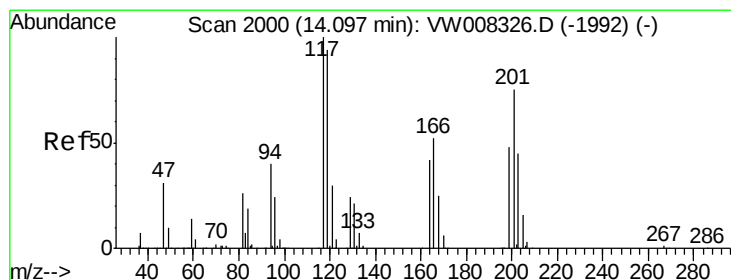
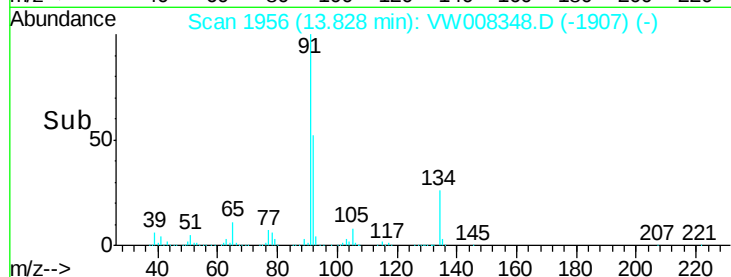
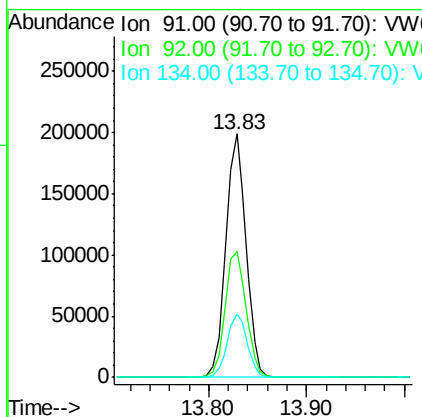
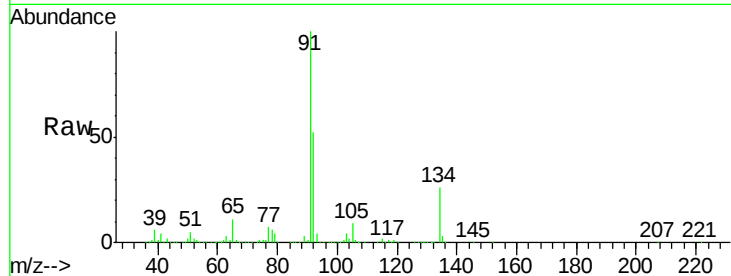
#89
n-Butylbenzene
Concen: 56.766 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW008348.D
Acq: 18 Jan 2019 11:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.6	27.2	81.6
134	26.1	13.4	40.1

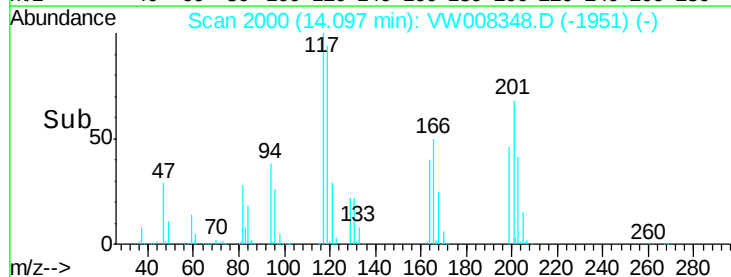
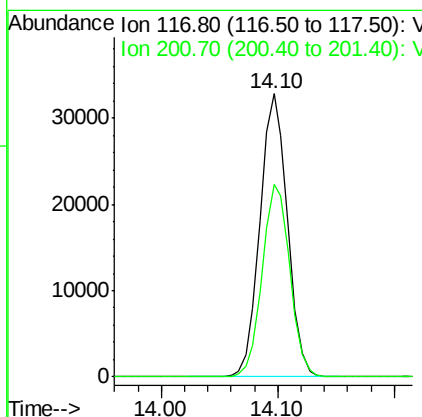
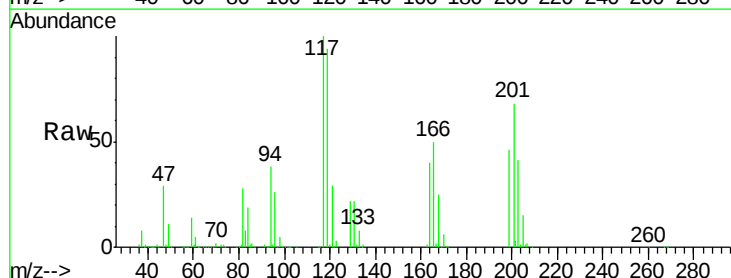
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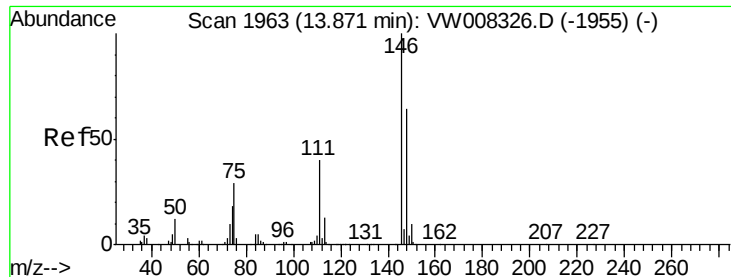
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#90
Hexachloroethane
Concen: 55.838 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW008348.D
Acq: 18 Jan 2019 11:23

Tgt Ion	Ratio	Lower	Upper
117	100		
201	68.4	39.3	117.9





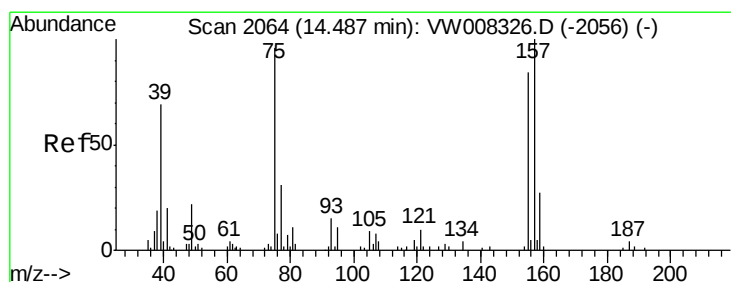
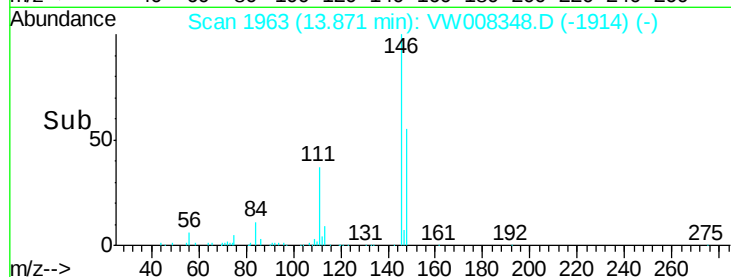
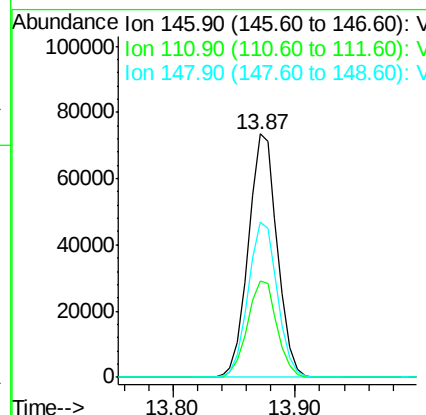
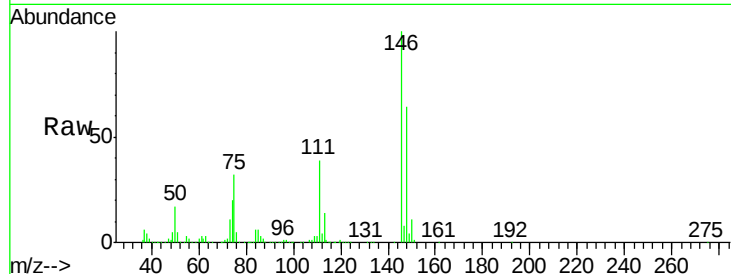
#91
 1,2-Dichlorobenzene
 Concen: 50.293 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW008348.D
 Acq: 18 Jan 2019 11:23

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.4	19.6	58.8
148	64.4	31.7	95.1

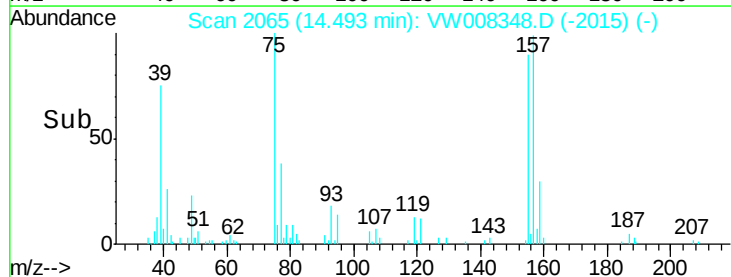
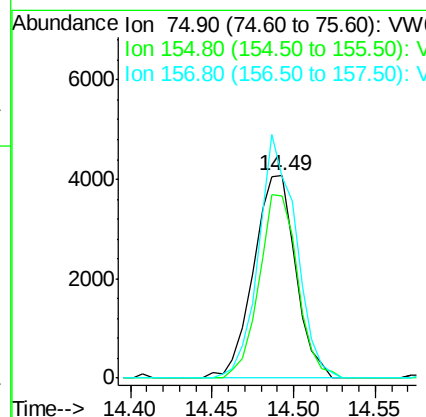
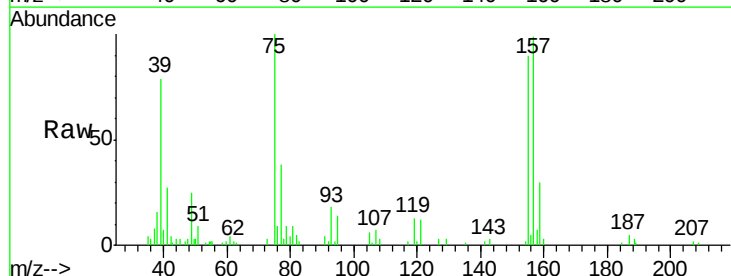
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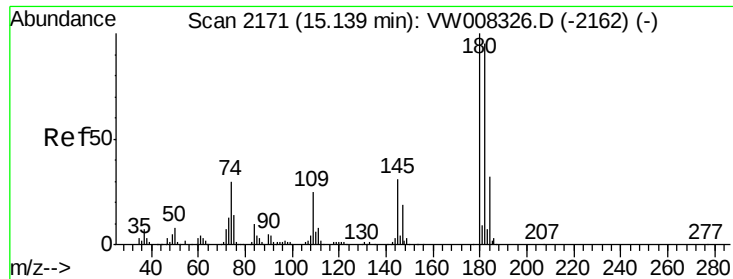
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.362 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.01 min
 Lab File: VW008348.D
 Acq: 18 Jan 2019 11:23

Tgt Ion	Ratio	Lower	Upper
75	100		
155	83.2	44.7	134.1
157	106.7	53.9	161.8





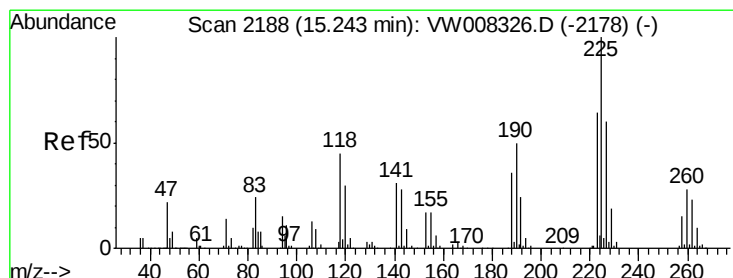
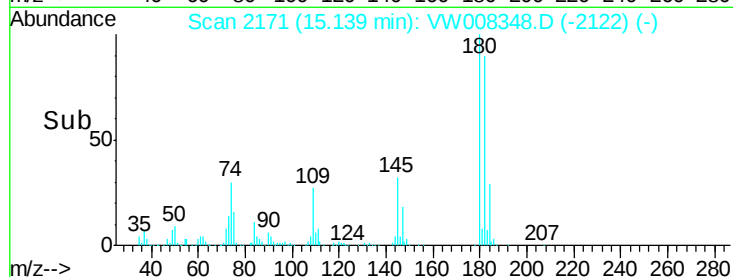
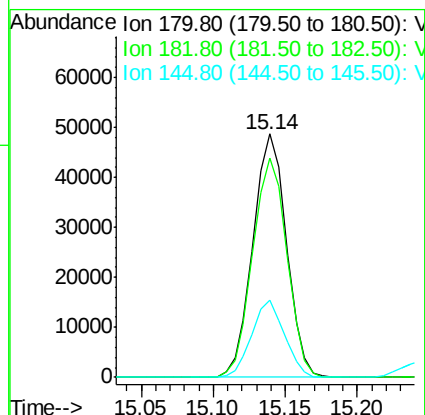
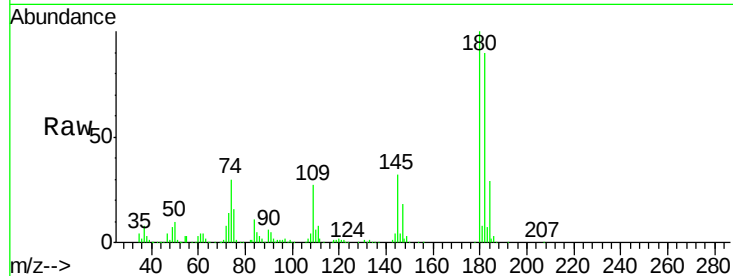
#93
 1,2,4-Trichlorobenzene
 Concen: 48.505 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW008348.D
 Acq: 18 Jan 2019 11:23

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	92.1	47.6	142.8	
145	31.2	14.8	44.4	

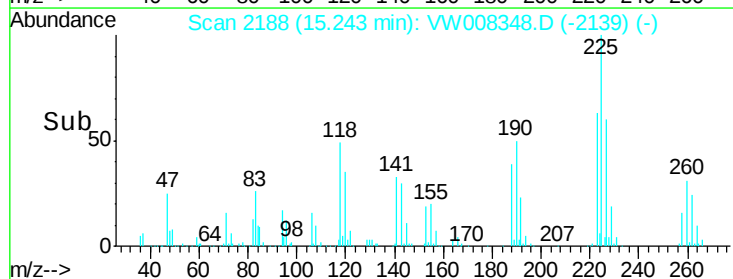
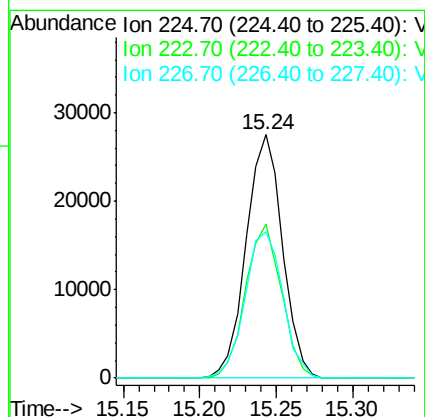
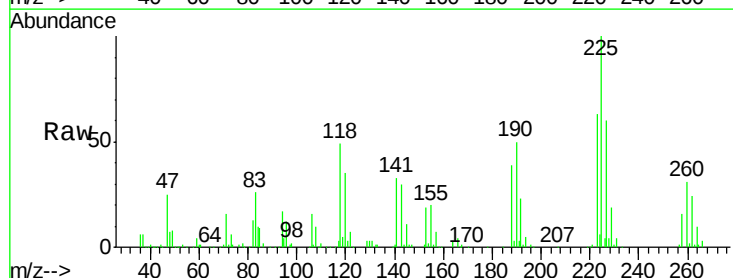
Manual Integrations
 APPROVED

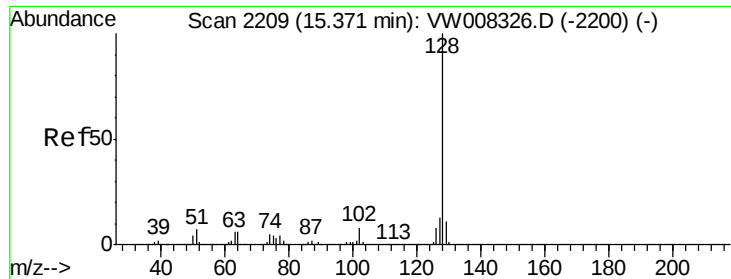
MMDadoda
 1/21/2019 11:09:35 AM



#94
 Hexachlorobutadiene
 Concen: 49.792 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW008348.D
 Acq: 18 Jan 2019 11:23

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.8	31.1	93.3	
227	63.1	30.3	90.8	





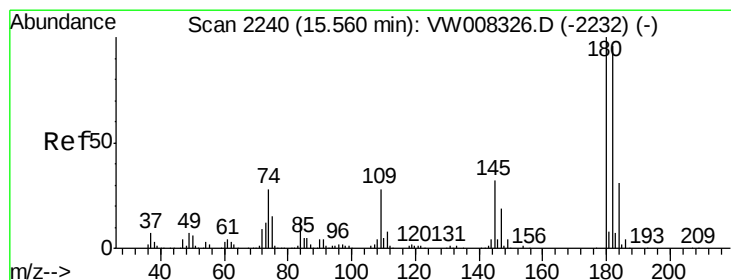
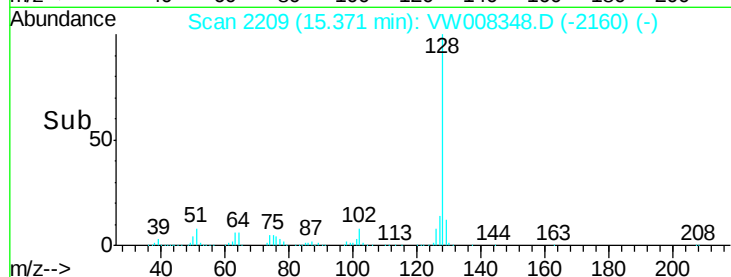
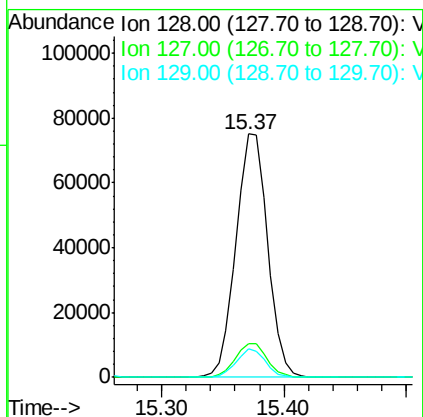
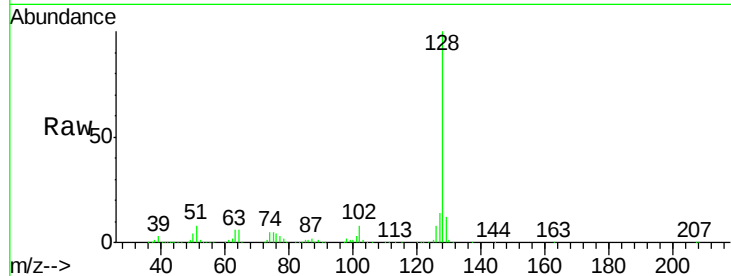
#95
Naphthalene
Concen: 45.493 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW008348.D
Acq: 18 Jan 2019 11:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.9	10.5	15.7
129	10.8	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
1/21/2019 11:09:35 AM



#96
1,2,3-Trichlorobenzene
Concen: 46.044 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VW008348.D
Acq: 18 Jan 2019 11:23

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	47.3	141.9
145	33.8	16.2	48.6

